

# Plasticus

BY MICROLIT

## PLASTICWARE & TISSUE CULTURE CONSUMABLES

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2025-26



Engineered with **Accuracy**

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Microlit, a globally renowned leader in laboratory equipment and precision liquid handling solutions, has long been at the **forefront of innovation**. With a rich history of pioneering advancements in pipettes, dispensers and other laboratory instruments, Microlit has consistently pushed the boundaries of scientific excellence with **8000+ customers** in **95+ countries**. Drawing upon decades of expertise and a deep understanding of the needs and challenges faced by researchers and technicians, we identified a critical gap in the market – **the need for high-quality, reliable and cost-effective laboratory consumables**. With a commitment to excellence and a passion for advancement, Microlit proudly introduces **Plasticus** – an extensive range of laboratory consumables, **engineered with accuracy**, designed to elevate scientific experimentation and discovery to new heights.



ISO 9001 Certificate



ISO 13485 Certificate



CE Certificate Micropipette & Bottle Top Dispensers



ISO 17025 (NABL) Certificate



CE Certificate Easyfill - Pipette Filling Device



CE Certificate E-Burette

## Company View



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# CELL CULTURE AND TISSUE CULTURE

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Cell Culture Plate

Cell Culture Flask

Cell Culture Petri Dish

Petri Dish

# Cell Culture Plate



Our Cell Culture Plates are manufactured using a highly transparent polystyrene material with 90% light transmission rate. The flat and uniform bottom design of the plates ensures that observation images are clear and free from distortion. Additionally, the plate cover is equipped with a cohesive ring that effectively prevents contamination or evaporation of the culture fluid, reducing the risk of edge effects. Each plate is packed in durable plastic packaging that minimizes the chances of breakage and maintains sterility. Moreover, all the plates undergo strict TC treatment, which is suitable for the culture of attached cells and semi-attached cells.

### Product Features

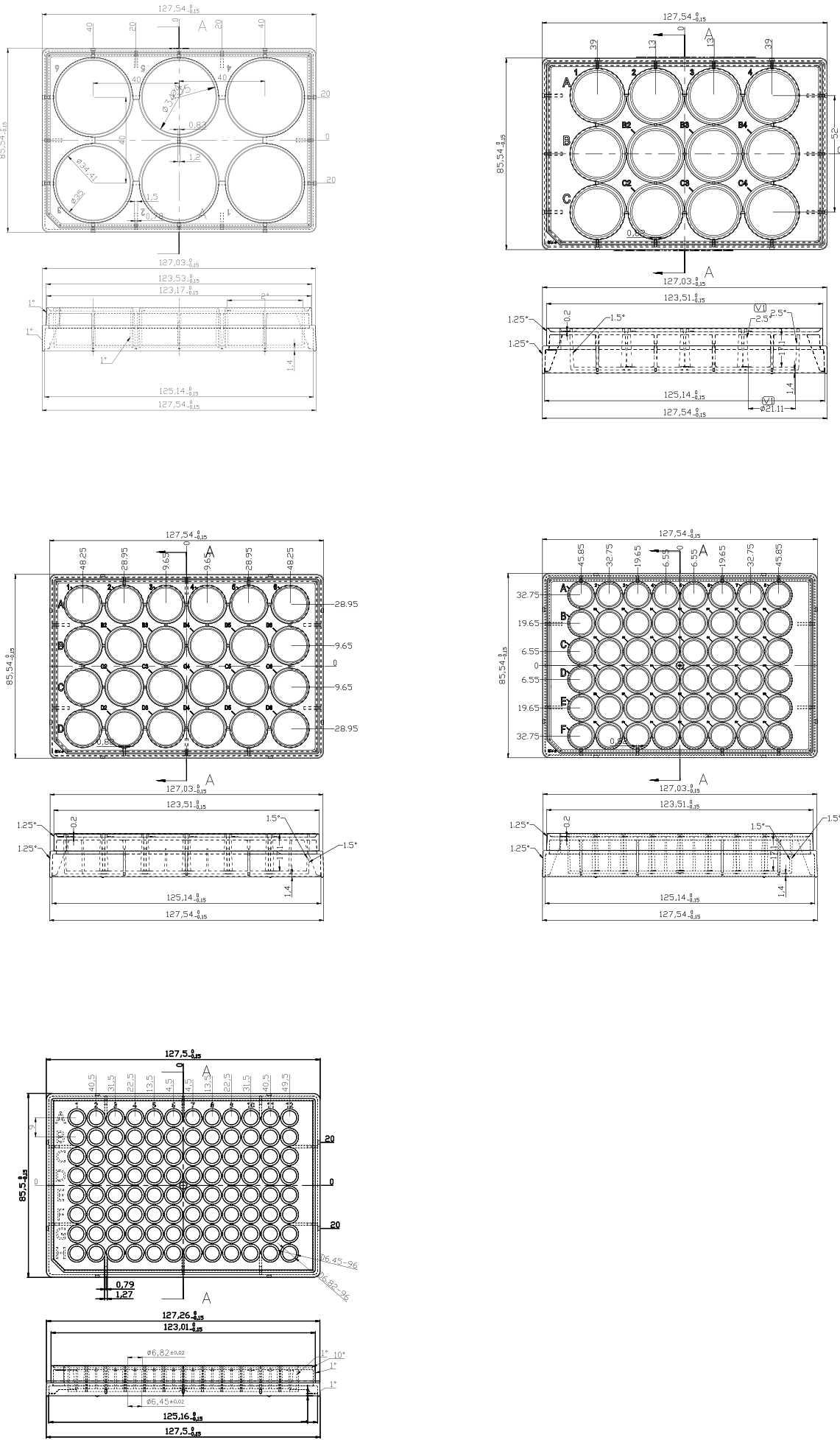
- **Material:** Polystyrene (PS)
- **Bottom:** Flat
- **Aseptic Processing:** Irradiation
- **Surface Treatment:** TC Treatment
- **Available Spec.:** 6-Well, 12-Well, 24-Well, 48-Well, 96-Well
- **Packaging:** Hard Plastic, Individually Wrapped
- **Certifications:** CE, FDA



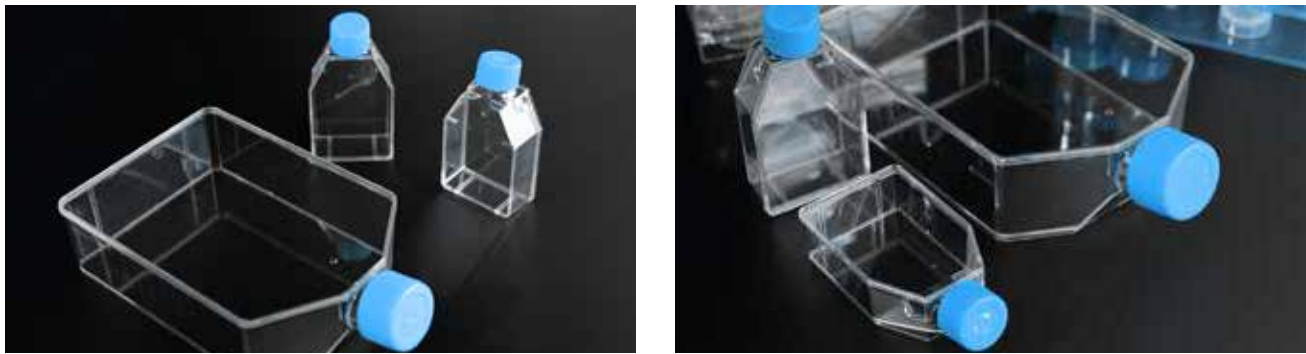
### Cell Culture Plate (Individually Wrapped)

| Cat. No. | Surface Type | Specification (Well) | Pore Diameter (mm) | Packaging |              | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------|--------------|----------------------|--------------------|-----------|--------------|-------------------------------------------|------------------------------------------|
|          |              |                      |                    | Pcs/Box   | Boxes/Carton |                                           |                                          |
| CPT-6W   | TC-Treated   | 6                    | 33.6               | 1         | 50           | 139                                       | 6791                                     |
| CPT-12W  |              | 12                   | 26                 | 1         | 50           | 150                                       | 7364                                     |
| CPT-24W  |              | 24                   | 19.3               | 1         | 50           | 150                                       | 7364                                     |
| CPT-48W  |              | 48                   | 13.1               | 1         | 50           | 168                                       | 8220                                     |
| CPT-96W  |              | 96                   | 6.45               | 1         | 100          | 136                                       | 13298                                    |

Note: TC-Treated means Tissue Culture Treated.  
\*Add suffix B after the Cat. No. for ordering the Bulk Pack.



# Cell Culture Flask



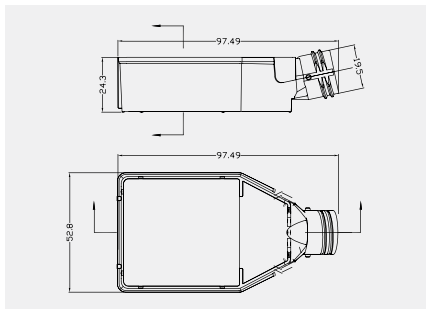
Our Cell Culture Flasks are designed for cultivating medium-sized cells in a lab setting. The top half of the flask has a special tilted design, along with the bottle mouth, which makes it convenient to use tools like serological pipettes and cell scrapers. The flasks come with sealed or vented bottle caps. They are made with precise irradiation sterilization and TC treatment, and the vacuum-sealed packaging guarantees that the product remains sterile and maintains its properties.

## Product Features

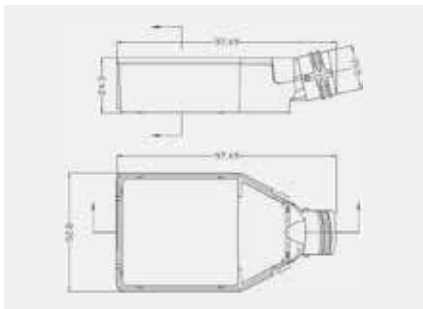
- ▶ **Material:** Polystyrene (PS)
- ▶ **Cap Types:** Sealed, Vented
- ▶ **Aseptic Processing:** Electron Beam
- ▶ **Surface Treatment:** TC Treatment
- ▶ **Available Spec:** 25 cm<sup>2</sup>, 75 cm<sup>2</sup>, 175 cm<sup>2</sup>
- ▶ **Packaging:** Vacuum plastic packing



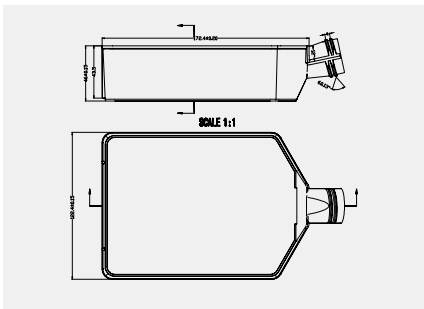
Beveled Bottle Neck



25 cm<sup>2</sup>, Vented



25 cm<sup>2</sup>, Sealed



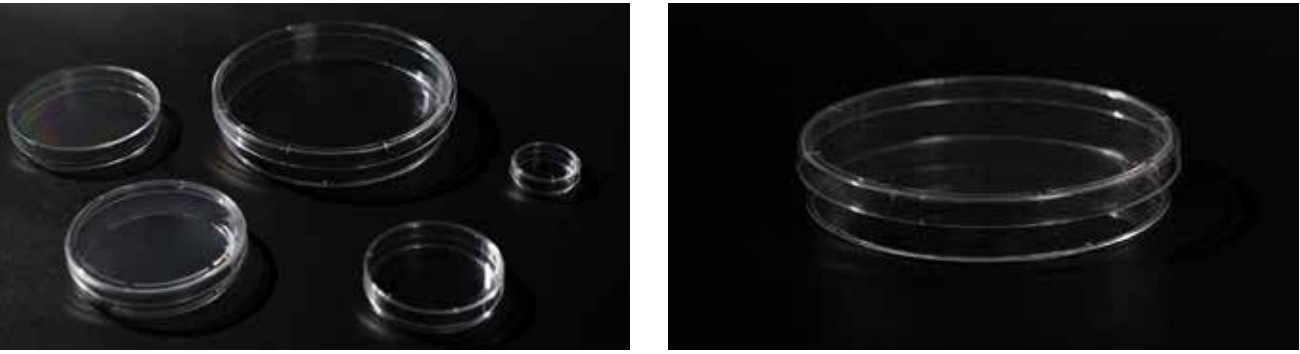
175 cm<sup>2</sup>, Sealed

## Cell Culture Flask

| Cat. No. | Surface Type | Cap Type | Height (mm) | Packaging  |                | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------|--------------|----------|-------------|------------|----------------|-------------------------------------------|------------------------------------------|
|          |              |          |             | Pcs/Sleeve | Sleeves/Carton |                                           |                                          |
| CFTS-25  | TC-Treated   | Sealed   | 25          | 10         | 20             | 607                                       | 11906                                    |
| CFTS-75  |              |          | 75          | 5          | 20             | 605                                       | 11865                                    |
| CFTS-175 |              |          | 175         | 5          | 6              | 1123                                      | 6604                                     |
| CFTV-25  |              | Vented   | 25          | 10         | 20             | 723                                       | 14171                                    |
| CFTV-75  |              |          | 75          | 5          | 20             | 722                                       | 14153                                    |
| CFTV-175 |              |          | 175         | 5          | 6              | 1299                                      | 7639                                     |

Note: TC-Treated means Tissue Culture Treated.  
\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

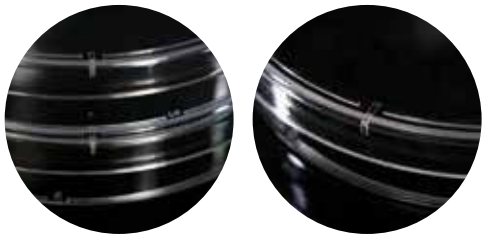
# Cell Culture Petri Dish



Our Cell Culture Dishes are suitable containers for cultivating cells, particularly for medium and small input volumes. These dishes can be used for various applications such as sample separation, pretreatment and storage. They are designed with precise sterilization techniques and are treated to maintain their tissue culture properties.

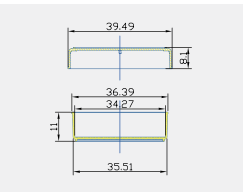
## Product Features

- ▶ **Material:** Polystyrene (PS)
- ▶ **Bottom Flat Bottom**
- ▶ **Aseptic Processing:** Electron Beam
- ▶ **Surface Treatment:** TC Treatment/Non-TC Treatment
- ▶ **Cell Culture Petri Dish Spec.:** 35 mm, 60 mm, 100 mm, 150 mm
- ▶ **Petri Dish Spec.:** 60 mm, 90 mm
- ▶ **Certifications:** CE, FDA

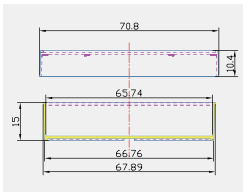


Stackable

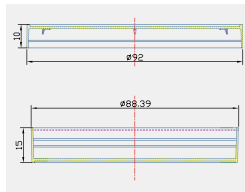
Breathable



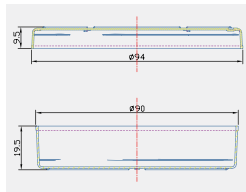
35 mm Cell Culture Dish



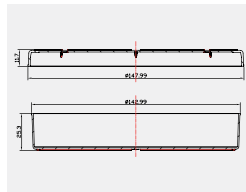
60 mm Cell Culture Dish/Petri Dish



90 mm Petri Dish



100 mm Cell Culture Dish



150 mm Cell Culture Dish

## Cell Culture Petri Dish

| Cat. No. | Surface Type | Diameter (mm) | Height (mm) | Packaging  |                | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------|--------------|---------------|-------------|------------|----------------|-------------------------------------------|------------------------------------------|
|          |              |               |             | Pcs/Sleeve | Sleeves/Carton |                                           |                                          |
| PDT-35   | TC-Treated   | 35            | 11          | 20         | 50             | 382                                       | 18711                                    |
| PDT-60   |              | 60            | 15          | 20         | 25             | 451                                       | 11059                                    |
| PDT-100  |              | 100           | 19.5        | 20         | 25             | 707                                       | 17322                                    |
| PDT-150  |              | 150           | 25.3        | 5          | 12             | 225                                       | 2646                                     |

Note: TC-Treated means Tissue Culture Treated.

## Petri Dish

| Cat. No. | Surface Type   | Diameter (mm) | Height (mm) | Packaging  |                | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------|----------------|---------------|-------------|------------|----------------|-------------------------------------------|------------------------------------------|
|          |                |               |             | Pcs/Sleeve | Sleeves/Carton |                                           |                                          |
| PD-60    | Non TC-Treated | 60            | 11          | 20         | 25             | 149                                       | 3642                                     |
| PD-90    |                | 90            | 17          | 20         | 25             | 169                                       | 4140                                     |

\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

# LIQUID HANDLING

Pipette Tips with Filter

Pipette Tips

Low Retention Pipette Tips with Filter

Low Retention Pipette Tips

Serological Pipette

Centrifuge Tube

Micro Centrifuge Tube

Centrifuge Tube - Foam Base

Centrifuge Tube Rack

Screw Cap Tube

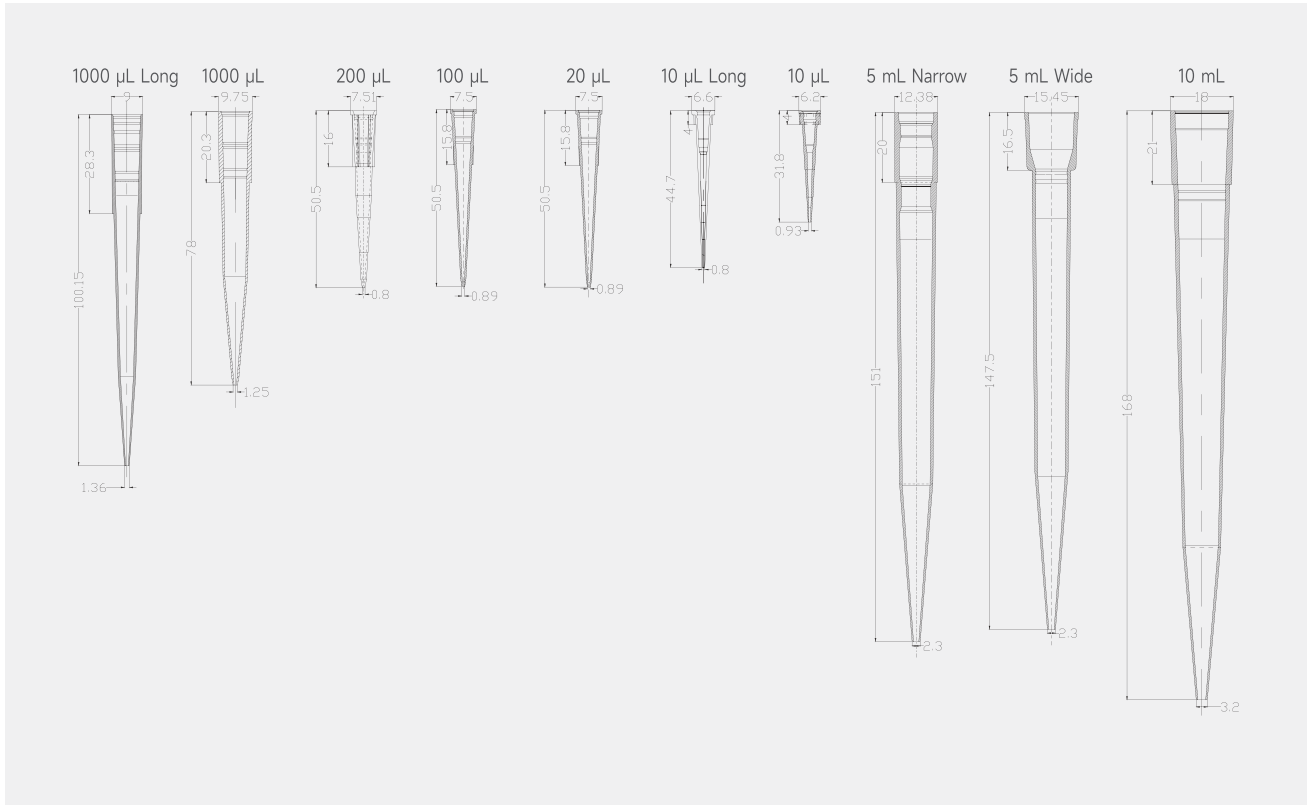
# Pipette Tips



Our Pipette Tips are constructed from high-quality PP material sourced from abroad. These tips are expertly manufactured to prevent bending and feature a smooth inner wall due to a particular treatment. The inclusion of filters creates a protective barrier between the pipette and the sample, preventing contamination. This design ensures the safety of the sample and reduces the possibility of gas residue remaining in the pipette tip, safeguarding the operator during the pipetting procedure.

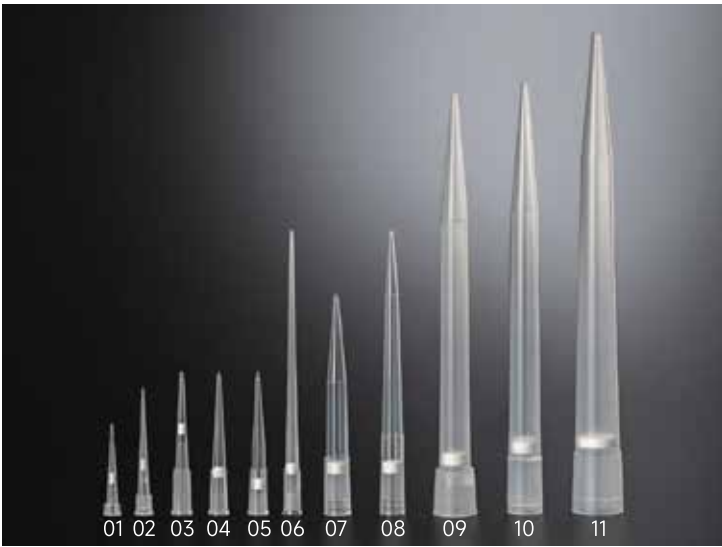
## Product Features

- **Tips Material:** Polypropylene (PP)
- **Filter Material:** Polyethylene (PE)
- **Color:** Natural
- **Specification:** 10 µL, 20 µL, 100 µL, 200 µL, 1000 µL, 5 mL, 10 mL
- **Aseptic Processing: Irradiation**  
Adapted Brands: Eppendorf, Thermo, Brand, Gilson, Rainin etc.
- **Certification:** CE, FDA, UKCA
- **Others:** Sterile, DNase & RNase Free, Pyrogen-free



Filter Tips

- 01) 10 µL
- 02) 10 µL Long
- 03) 20 µL
- 04) 100 µL
- 05) 200 µL
- 06) 200 µL Long
- 07) 1000 µL Short
- 08) 1000 µL Long
- 09) 5 mL Wide
- 10) 5 mL
- 11) 10 mL



Pipette Tips With Filter (Bag Packing)

| Cat. No.     | Capacity     | Filter | Packaging Form | Packaging |             | Plasticus List Price<br>Single Pack (In INR) | Plasticus List Price<br>Bulk Pack (In INR)* |
|--------------|--------------|--------|----------------|-----------|-------------|----------------------------------------------|---------------------------------------------|
|              |              |        |                | Pcs/Bag   | Bags/Carton |                                              |                                             |
| FTP-BG-10    | 10 µL        | Y      | Bagged         | 1000      | 10          | 2386                                         | 23381                                       |
| FTP-BG-10L   | 10 µL Long   | Y      |                | 1000      | 10          | 2386                                         | 23381                                       |
| FTP-BG-20    | 20 µL        | Y      |                | 1000      | 20          | 2584                                         | 50640                                       |
| FTP-BG-100   | 100 µL       | Y      |                | 1000      | 20          | 2584                                         | 50640                                       |
| FTP-BG-200   | 200 µL       | Y      |                | 1000      | 20          | 2584                                         | 50640                                       |
| FTP-BG-1000  | 1000 µL      | Y      |                | 500       | 10          | 1649                                         | 16159                                       |
| FTP-BG-1000L | 1000 µL Long | Y      |                | 500       | 10          | 2090                                         | 20485                                       |
| FTP-BG-5000W | 5 mL Wide    | Y      |                | 100       | 20          | 1403                                         | 27490                                       |
| FTP-BG-5000  | 5 mL         | Y      |                | 100       | 20          | 1403                                         | 27490                                       |
| FTP-BG-10000 | 10 mL        | Y      |                | 100       | 10          | 1926                                         | 18872                                       |

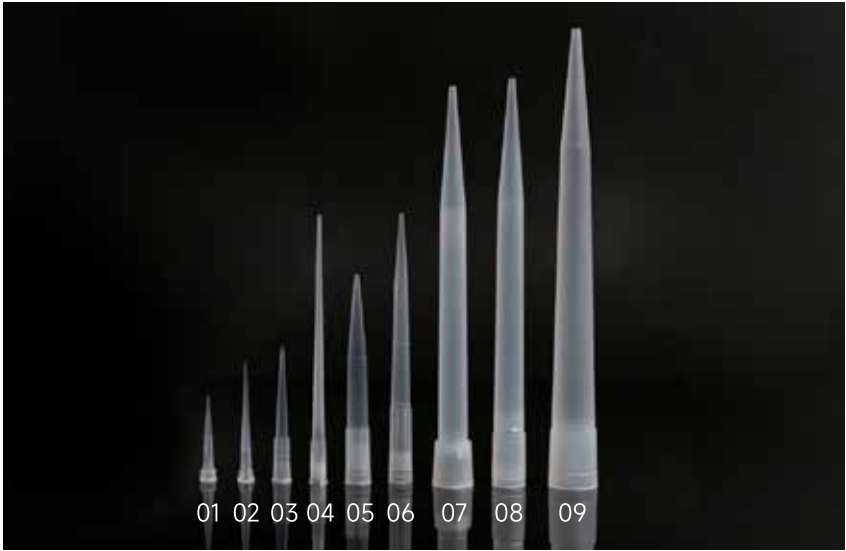
Pipette Tips With Filter (Rack Packing)

| Cat. No.     | Capacity     | Filter | Packaging Form | Packaging |              | Plasticus List Price<br>Single Pack (In INR) | Plasticus List Price<br>Bulk Pack (In INR)* |
|--------------|--------------|--------|----------------|-----------|--------------|----------------------------------------------|---------------------------------------------|
|              |              |        |                | Pcs/Rack  | Racks/Carton |                                              |                                             |
| FTP-RK-10    | 10 µL        | Y      | Racked         | 96        | 100          | 416                                          | 40720                                       |
| FTP-RK-10L   | 10 µL Long   | Y      |                | 96        | 100          | 427                                          | 41810                                       |
| FTP-RK-20    | 20 µL        | Y      |                | 96        | 100          | 415                                          | 40720                                       |
| FTP-RK-100   | 100 µL       | Y      |                | 96        | 100          | 415                                          | 40720                                       |
| FTP-RK-200   | 200 µL       | Y      |                | 96        | 100          | 415                                          | 40720                                       |
| FTP-RK-200L  | 200 µL Long  | Y      |                | 96        | 50           | 415                                          | 20360                                       |
| FTP-RK-1000  | 1000 µL      | Y      |                | 96        | 50           | 479                                          | 23457                                       |
| FTP-RK-1000L | 1000 µL Long | Y      |                | 96        | 50           | 441                                          | 21615                                       |
| FTP-RK-5000W | 5 mL Wide    | Y      |                | 28        | 50           | 675                                          | 33075                                       |
| FTP-RK-5000  | 5 mL         | Y      |                | 28        | 50           | 675                                          | 33075                                       |
| FTP-RK-10000 | 10 mL        | Y      |                | 24        | 50           | 750                                          | 36750                                       |

\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

Non Filter Tips

- 01) 10 µL
- 02) 10 µL Long
- 03) 200 µL
- 04) 200 µL Long
- 05) 1000 µL Short
- 06) 1000 µL Long
- 07) 5 mL Wide
- 08) 5 mL
- 09) 10 mL



Pipette Tips (Bag Packing)

| Cat. No.       | Capacity   | Filter | Packaging Form | Packaging |             | Plasticus List Price<br>Single Pack (In INR) | Plasticus List Price<br>Bulk Pack (In INR)* |
|----------------|------------|--------|----------------|-----------|-------------|----------------------------------------------|---------------------------------------------|
|                |            |        |                | Pcs/Bag   | Bags/Carton |                                              |                                             |
| TP-BG-10       | 10 µL      | N      | Bagged         | 1000      | 10          | 554                                          | 5434                                        |
| TP-BG-10S      | 10 µL      | N      |                | 100       | 100         | 55                                           | 5434                                        |
| TP-BG-10L      | 10 µL Long | N      |                | 1000      | 10          | 554                                          | 5434                                        |
| TP-BG-200      | 200 µL     | N      |                | 1000      | 20          | 451                                          | 8849                                        |
| TP-BG-300      | 300 µL     | N      |                | 1000      | 20          | 451                                          | 8849                                        |
| TP-BG-1000     | 1000 µL    | N      |                | 1000      | 5           | 668                                          | 3271                                        |
| TP-BG-1250     | 1250 µL    | N      |                | 500       | 10          | 334                                          | 3273                                        |
| TP-BG-5000W    | 5 mL Wide  | N      |                | 100       | 20          | 514                                          | 10081                                       |
| TP-BG-5000     | 5 mL       | N      |                | 100       | 20          | 514                                          | 10081                                       |
| TP-BG-10000    | 10 mL      | N      |                | 100       | 10          | 1029                                         | 10081                                       |
| TP-BG-5000-EP  | 5 mL       | N      |                | 100       | 20          | 514                                          | 10081                                       |
| TP-BG-10000-EP | 10 mL      | N      |                | 100       | 10          | 3900                                         | 38220                                       |

Pipette Tips (Rack Packing)

| Cat. No.       | Capacity     | Filter | Packaging Form | Packaging |              | Plasticus List Price<br>Single Pack (In INR) | Plasticus List Price<br>Bulk Pack (In INR)* |
|----------------|--------------|--------|----------------|-----------|--------------|----------------------------------------------|---------------------------------------------|
|                |              |        |                | Pcs/Rack  | Racks/Carton |                                              |                                             |
| TP-RK-10       | 10 µL        | N      | Racked         | 96        | 100          | 248                                          | 24346                                       |
| TP-RK-10L      | 10 µL Long   | N      |                | 96        | 100          | 244                                          | 23917                                       |
| TP-RK-200      | 200 µL       | N      |                | 96        | 100          | 248                                          | 24355                                       |
| TP-RK-200L     | 200 µL Long  | N      |                | 96        | 50           | 248                                          | 12178                                       |
| TP-RK-300      | 300 µL       | N      |                | 96        | 100          | 248                                          | 24355                                       |
| TP-RK-1000     | 1000 µL      | N      |                | 96        | 50           | 248                                          | 24355                                       |
| TP-RK-1000L    | 1000 µL Long | N      |                | 96        | 50           | 276                                          | 13527                                       |
| TP-RK-5000W    | 5 mL Wide    | N      |                | 28        | 50           | 1043                                         | 51132                                       |
| TP-RK-5000     | 5 mL         | N      |                | 28        | 50           | 1043                                         | 51132                                       |
| TP-RK-10000    | 10 mL        | N      |                | 24        | 50           | 1018                                         | 49876                                       |
| TP-RK-5000-EP  | 5 mL         | N      |                | 28        | 50           | 1043                                         | 51132                                       |
| TP-RK-10000-EP | 10 mL        | N      |                | 24        | 50           | 1150                                         | 56350                                       |

\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

# Low Retention Pipette Tips



Our low retention pipette tips are made from imported PP material to ensure they have high quality and do not bend. The inner wall has been treated to be made smooth, preventing liquids from hanging on the wall and reducing the loss of samples or saving reagents. This treatment also effectively prevents poor linearity, low response, or concentration changes that can be caused by adsorption and other factors. Plasticus’s low retention pipette tips have the following benefits during experiments: they reduce sample residue, leading to improved accuracy and precision, ultimately enhancing sample recovery. It is worth noting that low-retention pipette tips are especially crucial in protein and nucleic acid research.

### Product Features

- **Material:** Polypropylene (PP)
- **Filter Material:** Polyethylene (PE)
- **Color:** Natural
- **Absorption treatment:** Low Retention Treatment
- **Specification:** 10 µL, 20 µL, 100 µL, 200 µL, 1000 µL
- **Aseptic Processing:** Irradiation
- **Adapted Brands:** Eppendorf, Thermo, Brand, Gilson, Rainin etc.
- **Certification:** CE, FDA, UKCA
- **Others:** Sterile, DNase & RNase Free, Pyrogen-free



### Low Retention Pipette Tips With Filter (Bag Packing)

| Cat. No.       | Capacity     | Filter | Packaging Form | Packaging |             | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------------|--------------|--------|----------------|-----------|-------------|-------------------------------------------|------------------------------------------|
|                |              |        |                | Pcs/Bag   | Bags/Carton |                                           |                                          |
| LRFTP-BG-10    | 10 µL        | Y      | Bagged         | 1000      | 10          | 3100                                      | 30379                                    |
| LRFTP-BG-10L   | 10 µL Long   | Y      |                | 1000      | 10          | 3203                                      | 31389                                    |
| LRFTP-BG-20    | 20 µL        | Y      |                | 1000      | 20          | 3316                                      | 64994                                    |
| LRFTP-BG-100   | 100 µL       | Y      |                | 1000      | 20          | 3316                                      | 64994                                    |
| LRFTP-BG-200   | 200 µL       | Y      |                | 1000      | 20          | 3316                                      | 64994                                    |
| LRFTP-BG-1000L | 1000 µL Long | Y      |                | 500       | 10          | 2630                                      | 25776                                    |
| LRFTP-BG-1000  | 1000 µL      | Y      |                | 500       | 10          | 2015                                      | 19743                                    |

### Low Retention Pipette Tips With Filter (Rack Packing)

| Cat. No.       | Capacity     | Filter | Packaging Form | Packaging |              | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------------|--------------|--------|----------------|-----------|--------------|-------------------------------------------|------------------------------------------|
|                |              |        |                | Pcs/Rack  | Racks/Carton |                                           |                                          |
| LRFTP-RK-10    | 10 µL        | Y      | Racked         | 96        | 100          | 543                                       | 53232                                    |
| LRFTP-RK-10L   | 10 µL Long   | Y      |                | 96        | 100          | 554                                       | 54341                                    |
| LRFTP-RK-20    | 20 µL        | Y      |                | 96        | 100          | 543                                       | 53232                                    |
| LRFTP-RK-100   | 100 µL       | Y      |                | 96        | 100          | 543                                       | 53232                                    |
| LRFTP-RK-200   | 200 µL       | Y      |                | 96        | 100          | 543                                       | 53232                                    |
| LRFTP-RK-1000  | 1000 µL      | Y      |                | 96        | 50           | 603                                       | 29570                                    |
| LRFTP-RK-1000L | 1000 µL Long | Y      |                | 96        | 50           | 681                                       | 33391                                    |

### Low Retention Pipette Tips (Bag Packing)

| Cat. No.     | Capacity   | Filter | Packaging Form | Packaging |             | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|--------------|------------|--------|----------------|-----------|-------------|-------------------------------------------|------------------------------------------|
|              |            |        |                | Pcs/Bag   | Bags/Carton |                                           |                                          |
| LRTP-BG-10   | 10 µL      | N      | Bagged         | 1000      | 10          | 958                                       | 9393                                     |
| LRTP-BG-10L  | 10 µL Long | N      |                | 1000      | 10          | 958                                       | 9393                                     |
| LRTP-BG-200  | 200 µL     | N      |                | 1000      | 20          | 1184                                      | 23206                                    |
| LRTP-BG-1000 | 1000 µL    | N      |                | 500       | 10          | 742                                       | 7275                                     |
| LRTP-BG-1250 | 1250 µL    | N      |                | 500       | 10          | 742                                       | 7275                                     |

### Low Retention Pipette Tips (Rack Packing)

| Cat. No.     | Capacity   | Filter | Packaging Form | Packaging |              | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|--------------|------------|--------|----------------|-----------|--------------|-------------------------------------------|------------------------------------------|
|              |            |        |                | Pcs/Rack  | Racks/Carton |                                           |                                          |
| LRTP-RK-10   | 10 µL      | N      | Racked         | 96        | 100          | 319                                       | 31228                                    |
| LRTP-RK-10L  | 10 µL Long | N      |                | 96        | 100          | 319                                       | 31228                                    |
| LRTP-RK-200  | 200 µL     | N      |                | 96        | 100          | 325                                       | 31809                                    |
| LRTP-RK-1000 | 1000 µL    | N      |                | 96        | 50           | 373                                       | 18268                                    |
| LRTP-RK-1250 | 1250 µL    | N      |                | 96        | 50           | 373                                       | 18268                                    |

\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

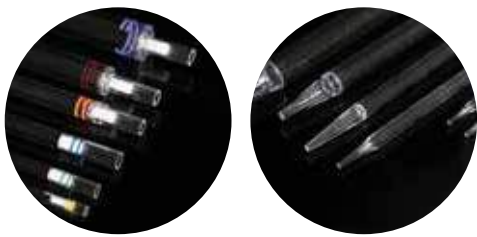
# Serological Pipette



Our serological pipettes are predominantly utilized for precise measurement or transfer of specific liquid volumes, finding extensive application in cell culture, bacteriology, clinical practices, scientific research and various other domains.

## Product Features

- ▶ **Pipette Material:** Polystyrene (PS)
- ▶ **Filter Material:** Polyethylene (PE)
- ▶ **Available Volumes:** 1 mL, 2 mL, 5 mL, 10 mL, 25 mL, 50 mL
- ▶ **Capacity deviation rate:** <3%
- ▶ **Packing Form:** Individually Wrapped



Serological Pipette (Individually Wrapped)

| Cat. No. | Capacity (mL) | Filter Color | Sterile | Packaging |             | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------|---------------|--------------|---------|-----------|-------------|-------------------------------------------|------------------------------------------|
|          |               |              |         | Pcs/Bag   | Bags/Carton |                                           |                                          |
| SP-1     | 1             | Yellow       | Y       | 100       | 10          | 991                                       | 9715                                     |
| SP-2     | 2             | Green        | Y       | 100       | 10          | 1082                                      | 10600                                    |
| SP-5     | 5             | Blue         | Y       | 50        | 4           | 856                                       | 3355                                     |
| SP-10    | 10            | Orange       | Y       | 50        | 4           | 901                                       | 3532                                     |
| SP-25    | 25            | Pink         | Y       | 50        | 4           | 2131                                      | 8353                                     |
| SP-50    | 50            | Purple       | Y       | 25        | 4           | 2052                                      | 8045                                     |

Note: One piece is packed in one sleeve.  
\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

## Applications in Biological and Chemical Laboratories

**Cell Culture:** In cell culture work, serological pipettes are used for transferring cell suspensions, media and reagents with precision and accuracy. They facilitate the seeding of cells into culture dishes, the addition of growth media and the removal of spent media during cell passaging.

**Sample Preparation:** Serological pipettes are essential for preparing samples in molecular biology applications such as DNA extraction, PCR and gel electrophoresis. They enable precise measurement and transfer of buffers, enzymes, and nucleic acid samples, ensuring reproducible results.

**Biomedical Research:** In biomedical research, serological pipettes are utilized for various tasks, including protein purification, enzyme assays, and cell-based assays. They enable researchers to accurately dispense reagents, perform dilutions and carry out biochemical reactions with precision.

**Diagnostic Testing:** Serological pipettes are commonly used in clinical and diagnostic laboratories for performing tests such as ELISA, immunoassays and blood typing. They facilitate the accurate dispensing of samples, antibodies and other reagents, ensuring reliable test results.

**Drug Discovery:** In pharmaceutical research and drug discovery, serological pipettes are employed for screening compounds, conducting assays, and preparing solutions for high-throughput screening. They play a vital role in the precise measurement and transfer of drug candidates and assay components.

## Applications in Food and Beverage Industry

**Quality Control:** In food production facilities, serological pipettes are used for quality control purposes, including testing raw materials, monitoring production processes and ensuring product consistency. They enable precise measurement and dispensing of ingredients, additives and solutions.

**Beverage Analysis:** In beverage manufacturing, serological pipettes are employed for analyzing samples for parameters such as acidity, sugar content and alcohol concentration. They facilitate accurate measurement and transfer of liquid samples, ensuring compliance with regulatory standards and product specifications.

**Research and Development:** Serological pipettes are used in R&D laboratories of food and beverage companies for product development, formulation studies, and process optimization.



## Applications in Environmental Testing

**Water Quality Analysis:** In environmental laboratories, serological pipettes are used for testing water quality parameters such as pH, dissolved oxygen, and nutrient levels. They facilitate the accurate measurement and dispensing of reagents and samples, ensuring reliable analytical results.

**Soil and Sediment Analysis:** Serological pipettes are employed for preparing soil and sediment samples for analysis, including extraction, digestion, and filtration procedures. They enable researchers to handle samples with precision and consistency, contributing to accurate analytical results.

**Air Quality Monitoring:** In air quality monitoring studies, serological pipettes are utilized for collecting air samples and preparing them for analysis. They enable researchers to measure pollutant concentrations, particulate matter levels and microbial content with accuracy and reliability.

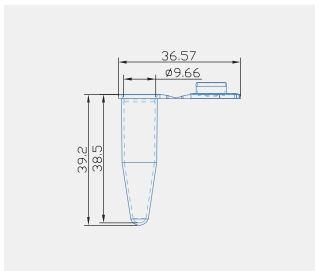
# Centrifuge Tube



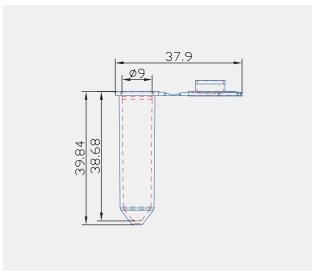
Our Centrifuge Tube is composed of a transparent polymer material called polypropylene PP. It serves the primary purpose of storing, transporting, and subjecting samples to centrifugation.

### Product Features

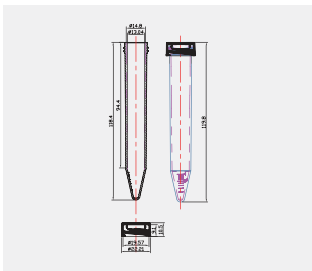
- Material: Polypropylene (PP)
- Temperature Tolerances: -80°C to 121°C
- Specification: 1.5 mL, 2 mL, 15 mL, 50 mL
- Aseptic Processing: Irradiation
- Certification: CE, FDA, UKCA
- Others: Sterile, DNase & RNase Free, Pyrogen-Free



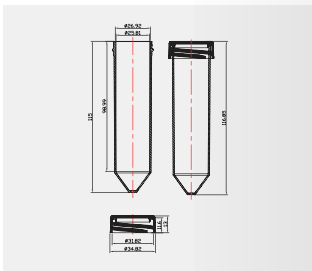
1.5 mL Centrifuge Tube



2 mL Centrifuge Tube



15 mL Centrifuge Tube



50 mL Centrifuge Tube

### Centrifuge Tube (Bag Packing)

| Cat. No.  | Volume (mL) | Bottom Type            | Max Rotate Speed (g) | Packaging Form | Packaging |             | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|-----------|-------------|------------------------|----------------------|----------------|-----------|-------------|-------------------------------------------|------------------------------------------|
|           |             |                        |                      |                | Pcs/Bag   | Bags/Carton |                                           |                                          |
| CT-1500   | 15          | Conical                | 17500                | Bagged         | 50        | 10          | 454                                       | 4451                                     |
| CT-5000   | 50          | Conical                | 17500                |                | 25        | 20          | 333                                       | 6529                                     |
| CT-5010   | 50          | Round                  | 17500                |                | 25        | 20          | 1590                                      | 31171                                    |
| CT-5020-S | 50          | Conical, Self-standing | 17500                |                | 25        | 20          | 403                                       | 7892                                     |
| CT-5030-S | 50          | Round, Self-standing   | 17500                |                | 25        | 20          | 316                                       | 6189                                     |

### Centrifuge Tube (Individually Wrapped)

| Cat. No. | Volume (mL) | Bottom Type | Max Rotate Speed (g) | Packaging Form       | Packaging |             | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------|-------------|-------------|----------------------|----------------------|-----------|-------------|-------------------------------------------|------------------------------------------|
|          |             |             |                      |                      | Pcs/Bag   | Bags/Carton |                                           |                                          |
| CT-1501  | 15          | Conical     | 17500                | Individually Wrapped | 50        | 10          | 532                                       | 5218                                     |
| CT-5001  | 50          | Conical     | 17500                |                      | 25        | 20          | 552                                       | 10828                                    |

### Micro Centrifuge Tube (Bag Packing)

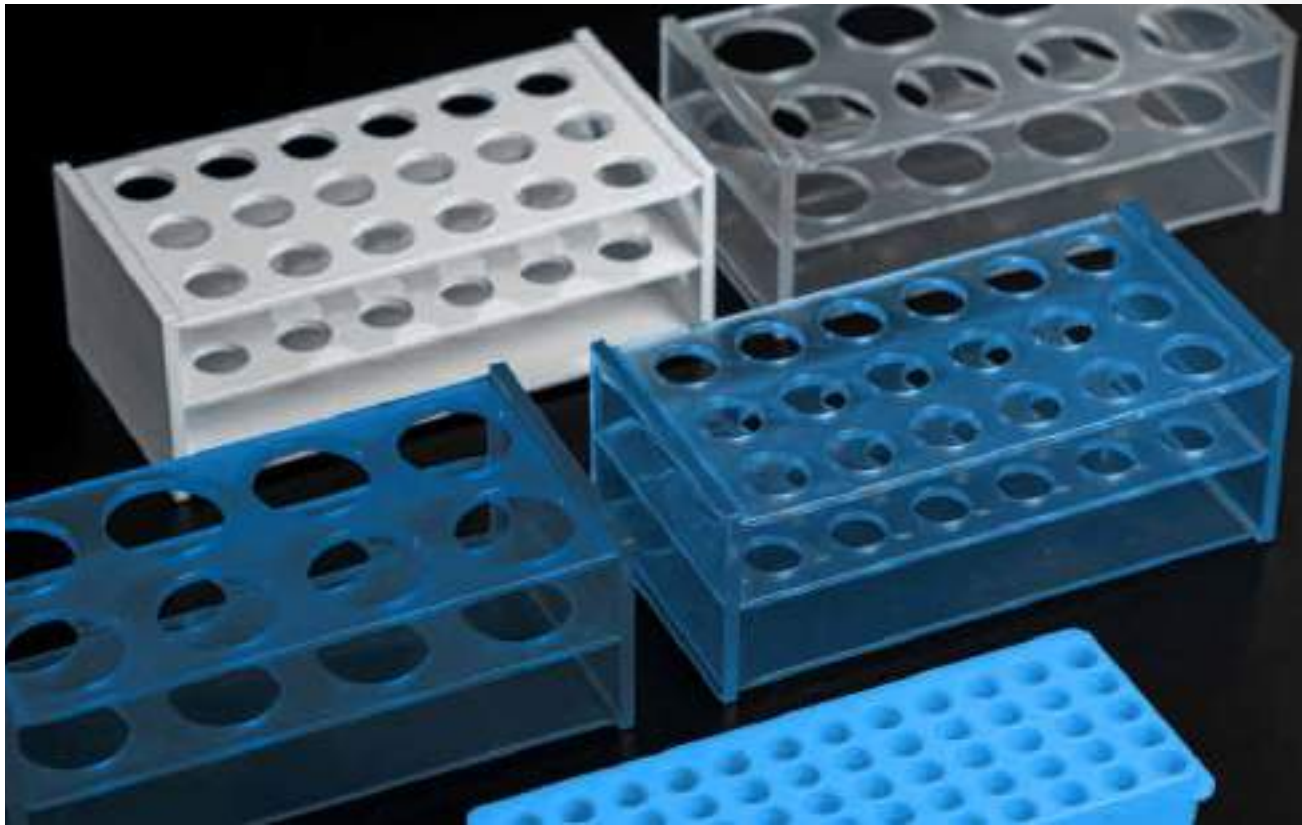
| Cat. No. | Volume (mL) | Bottom Type | Max Rotate Speed (g) | Packaging Form | Packaging |             | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------|-------------|-------------|----------------------|----------------|-----------|-------------|-------------------------------------------|------------------------------------------|
|          |             |             |                      |                | Pcs/Bag   | Bags/Carton |                                           |                                          |
| MCT-150  | 1.5         | Conical     | 18000                | Bagged         | 500       | 10          | 522                                       | 5112                                     |
| MCT-200  | 2           | Conical     | 18000                |                | 500       | 10          | 577                                       | 5657                                     |

### Centrifuge Tube - Foam Base (Bag Packing)

| Cat. No.  | Volume (mL) | Bottom Type | Max Rotate Speed (g) | Packaging Form | Packaging |             | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|-----------|-------------|-------------|----------------------|----------------|-----------|-------------|-------------------------------------------|------------------------------------------|
|           |             |             |                      |                | Pcs/Bag   | Bags/Carton |                                           |                                          |
| CT-1500-F | 15          | Conical     | 17500                | Foam Base      | 50        | 10          | 635                                       | 6223                                     |
| CT-5000-F | 50          | Conical     | 17500                |                | 25        | 20          | 470                                       | 9206                                     |

\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

# Centrifuge Tube Rack



Our Centrifuge Tube Racks are vital laboratory accessories designed to securely hold and organize centrifuge tubes during high-speed centrifugation processes. Constructed from durable materials, these racks accommodate various tube sizes, providing a stable platform to prevent spillage or breakage during rotation. They contribute to streamlined laboratory workflows. Centrifuge tube racks ensure the safety of samples, maintain tube integrity and enhance the overall efficiency of centrifugation procedures in diverse scientific applications, including molecular biology, biochemistry and clinical research.

| Centrifuge Tube Rack |                                                           |       |           |              |                                              |                                             |
|----------------------|-----------------------------------------------------------|-------|-----------|--------------|----------------------------------------------|---------------------------------------------|
| Cat. No.             | Specification                                             | Color | Packaging |              | Plasticus List Price<br>Single Pack (In INR) | Plasticus List Price<br>Bulk Pack (In INR)* |
|                      |                                                           |       | Pcs/Rack  | Racks/Carton |                                              |                                             |
| CTR-200              | 60-Well, for 0.5 mL / 1.5 mL / 2 mL Micro Centrifuge Tube | Blue  | 1         | 120          | 300                                          | 35232                                       |
| CTR-1500             | 28-Well, for 15 mL / 50 mL Centrifuge Tube                | Blue  | 1         | 50           | 281                                          | 13760                                       |
| CTR-2000             | 50-Well, for 15 mL / 50 mL Centrifuge Tube                | Blue  | 1         | 50           | 281                                          | 13760                                       |

\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

# Screw Cap Tube



Our Screw Cap Tube, which come with lids but no rubber rings, have multiple applications such as storing biochemical reagents or samples at low temperatures. The standing round bottom design of these tubes makes it easier to concentrate, recover and position samples.

## Product Features

- Material: Polypropylene (PP)
- Available Volumes: 0.5 mL, 1.5 mL, 2 mL
- Temperature Tolerances: -80 °C to 121 °C
- Others: DNase & RNase Free, Standing, Straight Knurl



| Screw Cap Tube |                       |           |           |             |                                              |                                             |
|----------------|-----------------------|-----------|-----------|-------------|----------------------------------------------|---------------------------------------------|
| Cat. No.       | Specification<br>(mL) | Cap Color | Packaging |             | Plasticus List Price<br>Single Pack (In INR) | Plasticus List Price<br>Bulk Pack (In INR)* |
|                |                       |           | Pcs/Bag   | Bags/Carton |                                              |                                             |
| SCT-50-S       | 0.5                   | Grey      | 500       | 10          | 3347                                         | 32801                                       |
| SCT-150-S      | 1.5                   | Grey      | 500       | 10          | 3347                                         | 32801                                       |
| SCT-200-S      | 2                     | Grey      | 500       | 10          | 3347                                         | 32801                                       |

\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

# MOLECULAR BIOLOGY

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PCR Plate, 96-Well

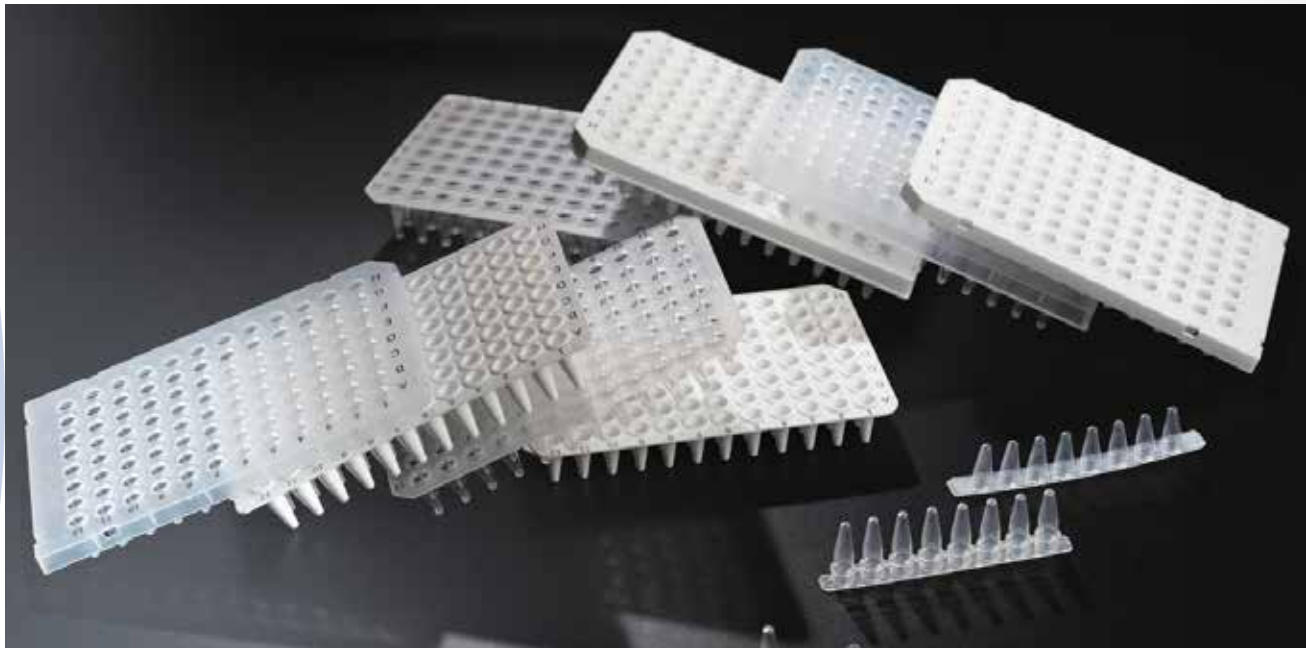
PCR 8-Strip Tube

PCR Tube

96-Well Deep Well Plate

96-Well Magnetic Tip Comb

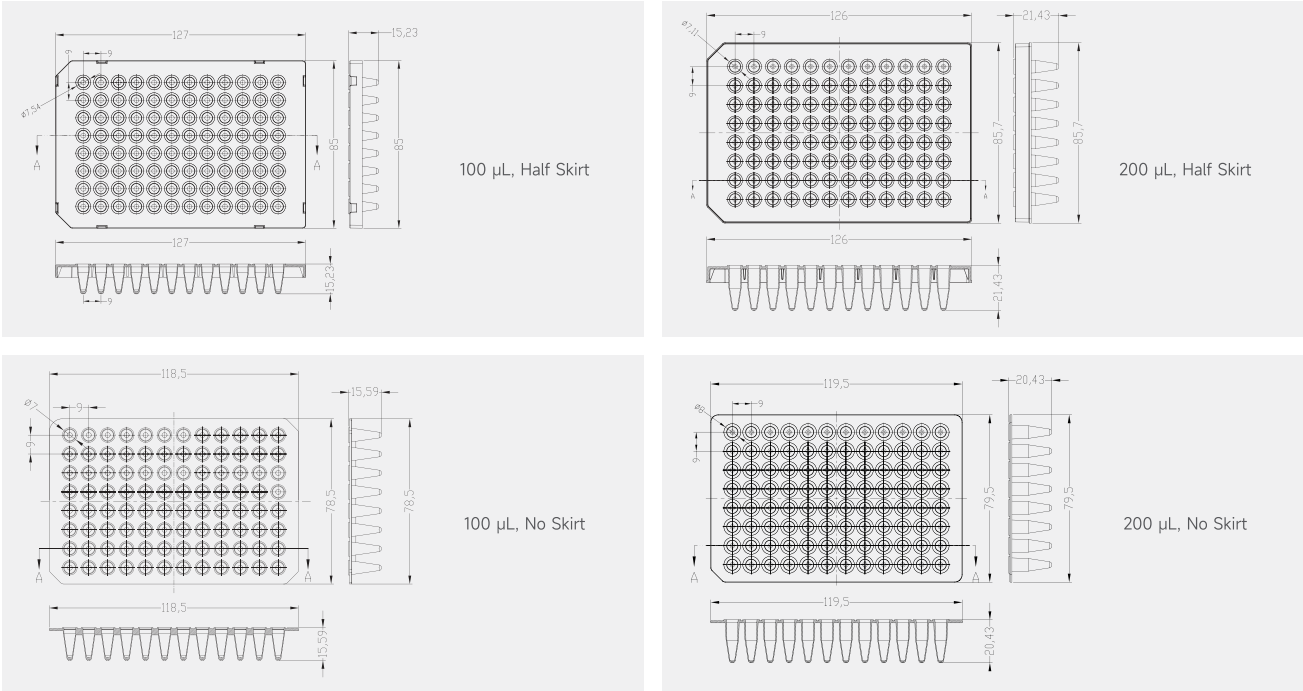
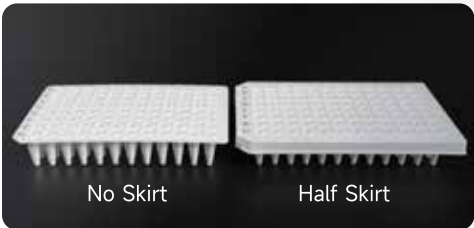
PCR Series



Our PCR plate series is comprised of high-quality PP material and is meticulously designed to possess excellent concentricity and tube mouth flatness. This ensures that there is no leakage when sealed. The thin tube wall and consistent thickness of the tube body guarantee uniform product heating. These PCR plates find extensive application in various fields such as genetics, biochemistry, immunity and medicine. They are used not only in fundamental research involving gene isolation, cloning, and nucleic acid sequence analysis, but also in disease diagnosis or involving DNA or RNA. In addition, white PCR plates and 8-tube variants are also available. The use of opaque white reaction plates helps enhance the sensitivity and consistency of qPCR data by preventing fluorescence refraction, thus enabling better cooperation with qPCR experiments.

Product Features

- ▶ Pipette Material: Polypropylene (PP)
- ▶ Available Specs: 96-Well, 8-strip tube, Single tube
- ▶ Aseptic Processing: Irradiation
- ▶ Compatible Brands: Various brands of PCR instruments
- ▶ Certifications: CE, FDA, UKCA



PCR Plate, 96-Well

| Cat. No.     | Specification (mL) | Color       | Pore Diameter (mm) | Dimension (mm)    | Packaging |              | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|--------------|--------------------|-------------|--------------------|-------------------|-----------|--------------|-------------------------------------------|------------------------------------------|
|              |                    |             |                    |                   | Pcs/Box   | Boxes/Carton |                                           |                                          |
| PCR-96-1-NS  | 0.1                | Transparent | 5.83               | 118.5 *78.5*15.59 | 10        | 10           | 1533                                      | 15024                                    |
| PCR-96-1-HS  | 0.1                |             | 5.35               | 127*85*15.43      | 10        | 10           | 1992                                      | 19527                                    |
| PCR-96-2-NS  | 0.2                |             | 5.3                | 119.5*79.5*20.43  | 10        | 10           | 1570                                      | 15382                                    |
| PCR-96-2-HS  | 0.2                |             | 5.31               | 126*85.7*21.43    | 10        | 10           | 2092                                      | 20503                                    |
| PCR-96-1W-NS | 0.1                | White       | 5.83               | 118.5*78.5*15.59  | 10        | 10           | 1563                                      | 15316                                    |
| PCR-96-1W-HS | 0.1                |             | 5.35               | 127*85*15.43      | 10        | 10           | 1968                                      | 19286                                    |
| PCR-96-2W-NS | 0.2                |             | 5.3                | 119.5*79.5*20.43  | 10        | 10           | 1523                                      | 14921                                    |
| PCR-96-2W-HS | 0.2                |             | 5.31               | 126*85.7*21.43    | 10        | 10           | 1992                                      | 19522                                    |

Note: NS means No Skirt and HS means Half Skirt.

PCR 8-Strip Tube

| Cat. No.     | Specification (mL) | Color       | Pore Diameter (mm) | Dimension (mm) | Packaging |              | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|--------------|--------------------|-------------|--------------------|----------------|-----------|--------------|-------------------------------------------|------------------------------------------|
|              |                    |             |                    |                | Pcs/Box   | Boxes/Carton |                                           |                                          |
| PCR-8-100-C  | 0.1                | Transparent | 5.2                | 81.3*15        | 125       | 10           | 4275                                      | 41891                                    |
| PCR-8-200-C  | 0.2                | Transparent | 5.2                | 71.15*20.5     | 125       | 10           | 4321                                      | 42346                                    |
| PCR-8-100W-C | 0.1                | White       | 5.2                | 81.3*15        | 125       | 10           | 5617                                      | 55047                                    |
| PCR-8-200W-C | 0.2                | White       | 5.2                | 71.15*20.5     | 125       | 10           | 5214                                      | 51097                                    |

PCR Tube

| Cat. No. | Specification (mL) | Color       | Pore Diameter (mm) | Dimension (mm) | Packaging |              | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------|--------------------|-------------|--------------------|----------------|-----------|--------------|-------------------------------------------|------------------------------------------|
|          |                    |             |                    |                | Pcs/Box   | Boxes/Carton |                                           |                                          |
| PCR-2-C  | 0.2                | Transparent | NA                 | NA             | 1000      | 10           | 1926                                      | 18876                                    |

\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

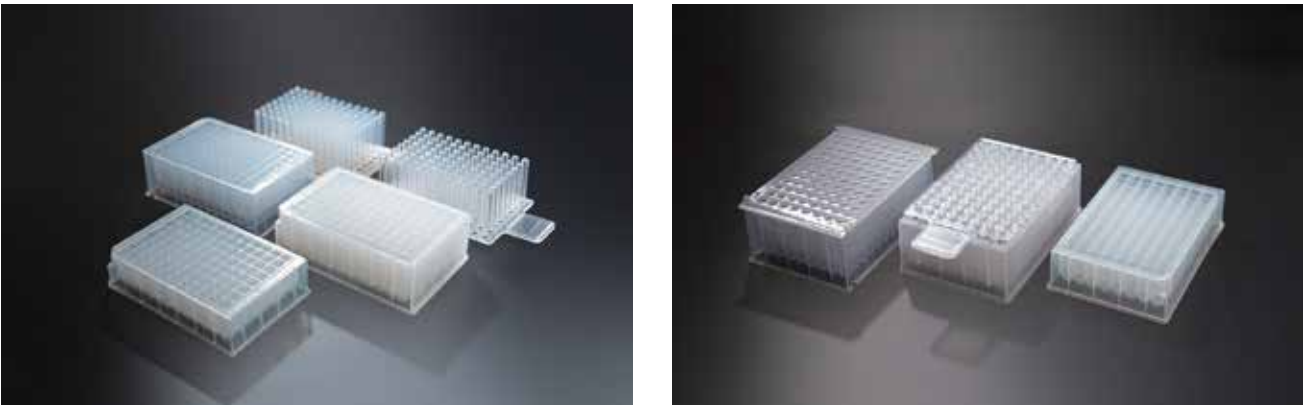
PCR Instrument Compatibility Chart

| Brands             | Model No.                       | "PCR-96-1-NS<br>PCR-96-1W-NS<br>(PCR-96-1W-NS is white model,<br>the compatibility is the same as<br>the transparent model)" | "PCR-96-2-NS<br>PCR-96-2W-NS<br>(PCR-96-2W-NS is white model,<br>the compatibility is the same as the<br>transparent model)" | "PCR-96-1-HS<br>PCR-96-1W-HS<br>(PCR-96-1W-HS is white model,<br>the compatibility is the same as the<br>transparent model)" | "PCR-96-2-HS<br>PCR-96-2W-HS<br>(PCR-96-2W-HS is white model,<br>the compatibility is the same as the<br>transparent model)" | "PCR-8-100-C PCR-8-100W-C<br>(PCR-8-100W-C is white model,<br>the compatibility is the same as the<br>transparent model)" | "PCR-8-200-C PCR-8-200W-C<br>(PCR-8-200W-C is white model,<br>the compatibility is the same as the<br>transparent model)" | PCR-2-C |
|--------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------|
| Applied Biosystems | 2720                            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | 9600                            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | 9700                            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | 9800Fast                        | PCR-96-1-NS                                                                                                                  |                                                                                                                              | PCR-96-1-HS                                                                                                                  |                                                                                                                              | PCR-8-100-C                                                                                                               |                                                                                                                           |         |
|                    | Veriti/Fast                     | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  | PCR-96-1-HS                                                                                                                  | PCR-96-2-HS                                                                                                                  | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | 7300                            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | 7500/Fast                       |                                                                                                                              | PCR-96-2-NS                                                                                                                  | PCR-96-1-HS                                                                                                                  |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | 7700                            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | 7900HT/Fast                     | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  | PCR-96-1-HS                                                                                                                  | PCR-96-2-HS                                                                                                                  | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | StepOne                         | PCR-96-1-NS                                                                                                                  |                                                                                                                              | PCR-96-1-HS                                                                                                                  |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | SteOnePlus                      | PCR-96-1-NS                                                                                                                  |                                                                                                                              | PCR-96-1-HS                                                                                                                  |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | ProflexPCRSys <sup>tem</sup>    |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | QuantStudio 12K                 |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | ViiA7/Fast                      | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  | PCR-96-1-HS                                                                                                                  | PCR-96-2-HS                                                                                                                  | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | 3100                            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | 3130                            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | 3700                            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | 3730/3730x                      |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
| Bio-rad            | C1000 Touch                     |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | DNA Engine Dyad /Dyad Disciple  |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | Engine Tetrad 2                 |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | MyCycler                        |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | PTC-100                         |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | PTC-200                         |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | PTC-225 Tetrad                  |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | S1000                           |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | T100                            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | CFX Connect                     |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | CFX96 Touch/ CFX96              | PCR-96-1-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               |                                                                                                                           |         |
|                    | Chromo4                         |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | DNA Engine Opticon 2            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | iCycler                         |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | iQ 5                            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | MiniOpticon                     |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | MyiQ                            |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | Opticon                         | PCR-96-1-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               |                                                                                                                           |         |
|                    | miniOpticon                     | PCR-96-1-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               |                                                                                                                           |         |
| Eppendorf          | Mastercycler                    |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | Mastercycler ep realplex        |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | Mastercycler ep                 |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | Mastercycler nexus              |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | Mastercycler nexus eco          |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | Mastercycler nexus gradient     |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                    | Mastercycler nexus gradient eco |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              | PCR-96-2-HS                                                                                                                  |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |

PCR Instrument Compatibility Chart

| Brands                 | Model No.                  | "PCR-96-1-NS<br>PCR-96-1W-NS<br>(PCR-96-1W-NS is white model,<br>the compatibility is the same as<br>the transparent model)" | "PCR-96-2-NS<br>PCR-96-2W-NS<br>(PCR-96-2W-NS is white model,<br>the compatibility is the same as the<br>transparent model)" | "PCR-96-1-HS<br>PCR-96-1W-HS<br>(PCR-96-1W-HS is white model,<br>the compatibility is the same as the<br>transparent model)" | "PCR-96-2-HS<br>PCR-96-2W-HS<br>(PCR-96-2W-HS is white model,<br>the compatibility is the same as the<br>transparent model)" | "PCR-8-100-C PCR-8-100W-C<br>(PCR-8-100W-C is white model,<br>the compatibility is the same as the<br>transparent model)" | "PCR-8-200-C PCR-8-200W-C<br>(PCR-8-200W-C is white model,<br>the compatibility is the same as the<br>transparent model)" | PCR-2-C |
|------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------|
| Eppendorf              | Mastercycler nexus GSX1    |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Mastercycler nexus GSX1e   |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Mastercycler nexus SX1     |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Mastercycler nexus SX1e    |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Mastercycler pro/S         |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
| Analytik Jena/Biometra | FlexCycler                 | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | T1 Thermal Cycler          | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | TGradient                  | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Tpersonal                  | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | TProfessional /Basic       | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | TProfessional /Standard    | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | TProfessional/TIRO         | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | TRobot                     | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Uno                        | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Uno II                     | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | q TOWER                    |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | SpeedCycler                |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | TOptical                   |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Multiblock System          | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | T1 Thermal Cycler          | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
| Thermo                 | Omn-E                      | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Ornigene                   | PCR-96-1-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               |                                                                                                                           | PCR-2-C |
|                        | PCR Express                | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | PCR Sprint                 |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Px2                        | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | PxE                        | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Touchdown                  | PCR-96-1-NS                                                                                                                  | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Cyclogene                  |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Flexigene                  |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Genius                     |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
| Techne                 | Genius Quad                |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Genius (TC412)             |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Prime                      |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Prime Elite                |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Prime Elite Satellite      |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | PrimeG                     |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Touchgene Gradient (TC512) |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Touchgene X                |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | PrimeQ                     |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
|                        | Quantica                   |                                                                                                                              | PCR-96-2-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                           | PCR-8-200-C                                                                                                               | PCR-2-C |
| Roche                  | lightcycler 480 II         | PCR-96-1-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               |                                                                                                                           |         |
|                        | lightcycler 96             | PCR-96-1-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               |                                                                                                                           |         |
|                        | lightcycler nano           | PCR-96-1-NS                                                                                                                  |                                                                                                                              |                                                                                                                              |                                                                                                                              | PCR-8-100-C                                                                                                               |                                                                                                                           |         |
|                        |                            |                                                                                                                              |                                                                                                                              |                                                                                                                              |                                                                                                                              |                                                                                                                           |                                                                                                                           |         |

# Deep Well Plate & Magnetic Tip Comb



Our Deep Well Plate with a magnetic tipped comb is appropriate for extracting nucleic acids using specific models of nucleic acid extractor machines. In the process of conducting the nucleic acid extraction experiment, the protective magnetic rod is detached from the liquid. This separation helps prolong the lifespan of the magnetic rod.

### Product Features

- ▶ The surface height difference is within 0.1 mm to ensure no leakage when sealing
- ▶ Used for sample collection, in vitro chamber culture and long-term storage
- ▶ Made of highly transparent polypropylene (PP) material, resistant to alcohol and other mild organic solvents
- ▶ The protruding design of the square hole, the sealing performance is better after film coating, and it is not easy to leak
- ▶ U-shaped and V-shaped bottom design is suitable for sample mixing and collection
- ▶ Alphabetical sorting and cut corner marks make the preservation and collection of samples more convenient and quick
- ▶ Suitable for multi-channel pipettes and automation systems
- ▶ Certification: CE, FDA



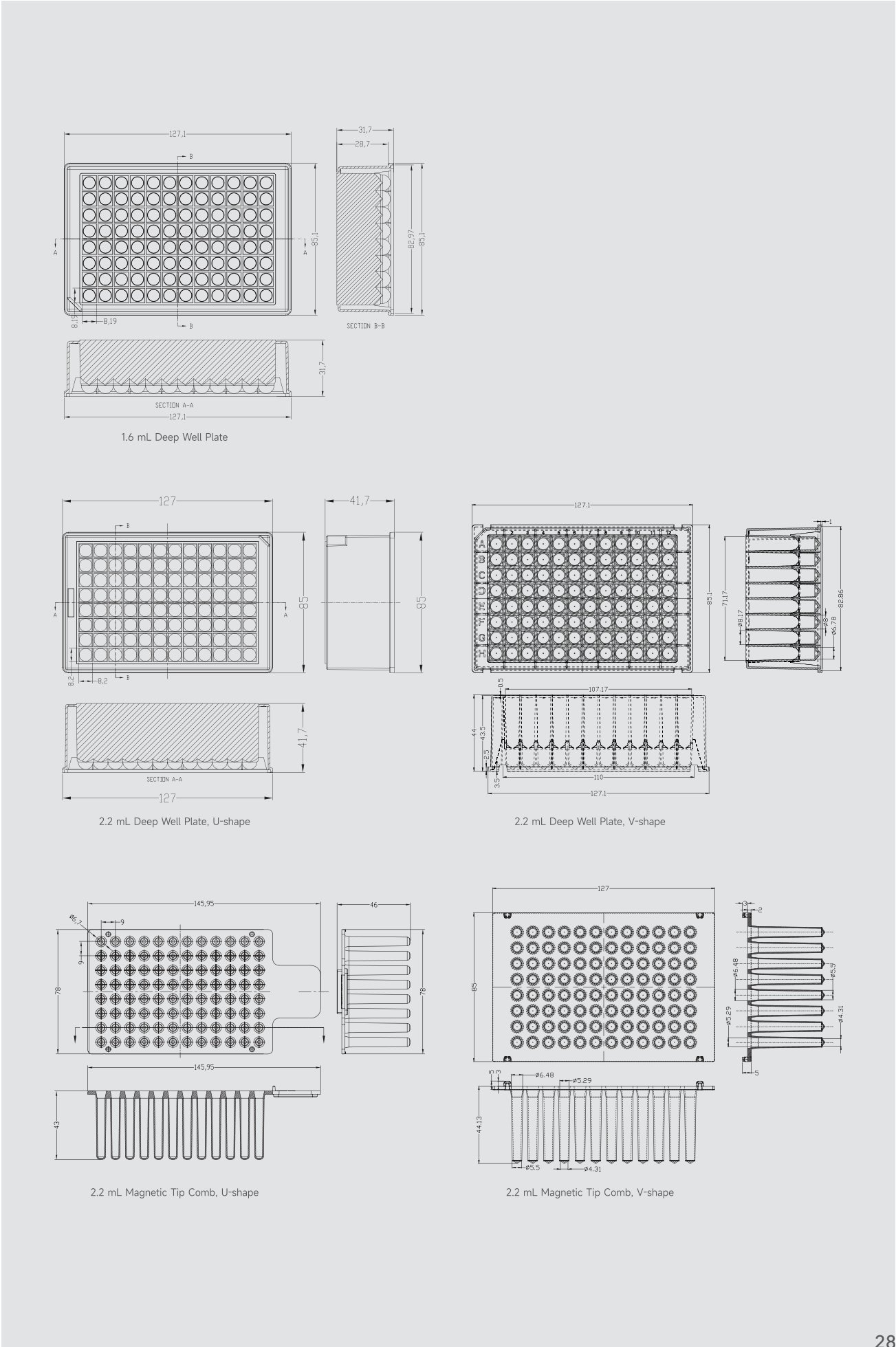
### 96-Well Deep Well Plate

| Cat. No.  | Specification (mL) | Bottom Shape | Well Shape | Packaging |              | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|-----------|--------------------|--------------|------------|-----------|--------------|-------------------------------------------|------------------------------------------|
|           |                    |              |            | Pcs/Box   | Boxes/Carton |                                           |                                          |
| DWP-96U16 | 1.6                | U-shape      | Square     | 20        | 4            | 5267                                      | 20647                                    |
| DWP-96U22 | 2.2                | U-shape      | Square     | 16        | 4            | 4719                                      | 18499                                    |
| DWP-96V22 | 2.2                | V-shape      | Square     | 16        | 4            | 4719                                      | 18499                                    |

### 96-Well Magnetic Tip Comb

| Cat. No. | Specification (mL) | Bottom Shape | Well Shape | Packaging |              | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------|--------------------|--------------|------------|-----------|--------------|-------------------------------------------|------------------------------------------|
|          |                    |              |            | Pcs/Box   | Boxes/Carton |                                           |                                          |
| MTC-96V  | 2.0                | V-shape      | Round      | 32        | 4            | 9216                                      | 36127                                    |

\*Add suffix B after the Cat. No. for ordering the Bulk Pack.



# STORAGE

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Cryogenic Box

Cryogenic Vial

# Cryogenic Box and Cryogenic Vial



Plasticus offer a selection of cryogenic vials made from highly transparent PP material, which allows for efficient storage of samples at low temperatures. These vials are transparent, allowing for easy observation of the sample. The threaded cap and vertical design ensure easy handling. Additionally, the vials come with a large writing area and rounded bottom, facilitating easy pouring of liquids. The thick wall of the vial ensures that it will not break, even if the sample freezes and expands in an ultra-low temperature environment. The tubes are compact and can be used with our 81-Well cryogenic box.

### Features of Cryogenic Vial

- Material: Polypropylene (PP)
- Volume: 2 mL
- Type: External Screw Cap
- Color: Transparent
- Temperature Tolerance: -196°C
- Others: Sterile, DNase & RNase Free



### Cryogenic Vial

| Cat. No. | Specification (mL) | Cap Color | Packaging |             | Plasticus List Price Single Pack (In Inr) | Plasticus List Price Bulk Pack (In INR)* |
|----------|--------------------|-----------|-----------|-------------|-------------------------------------------|------------------------------------------|
|          |                    |           | Pcs/Bag   | Bags/Carton |                                           |                                          |
| CV-2-ET  | 2                  | White     | 50        | 40          | 369                                       | 14472                                    |

### Features of Cryogenic Box

- L\*W\*H: 128.5\*128.5\*52 mm, Inner Hole 12.9\*12.9 mm
- Made of highly transparent polypropylene (PP) material, the samples can be repeatedly frozen and thawed and stored for a long time
- Temperature Tolerance: -80° C to 100° C
- Resistant to alcohol and other mild organic solvents
- Applicable to standard size cryogenic vials and cryogenic racks
- Suitable for storing 0.5 mL, 1 mL, 2 mL cryovials and 1.5 mL, 2.0 mL EP tubes



### Cryogenic Box

| Cat. No. | Specification | Box Color | Packaging |              | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|----------|---------------|-----------|-----------|--------------|-------------------------------------------|------------------------------------------|
|          |               |           | Pcs/Box   | Boxes/Carton |                                           |                                          |
| CB-81    | 81-Well       | White     | 1         | 63           | 544                                       | 33615                                    |

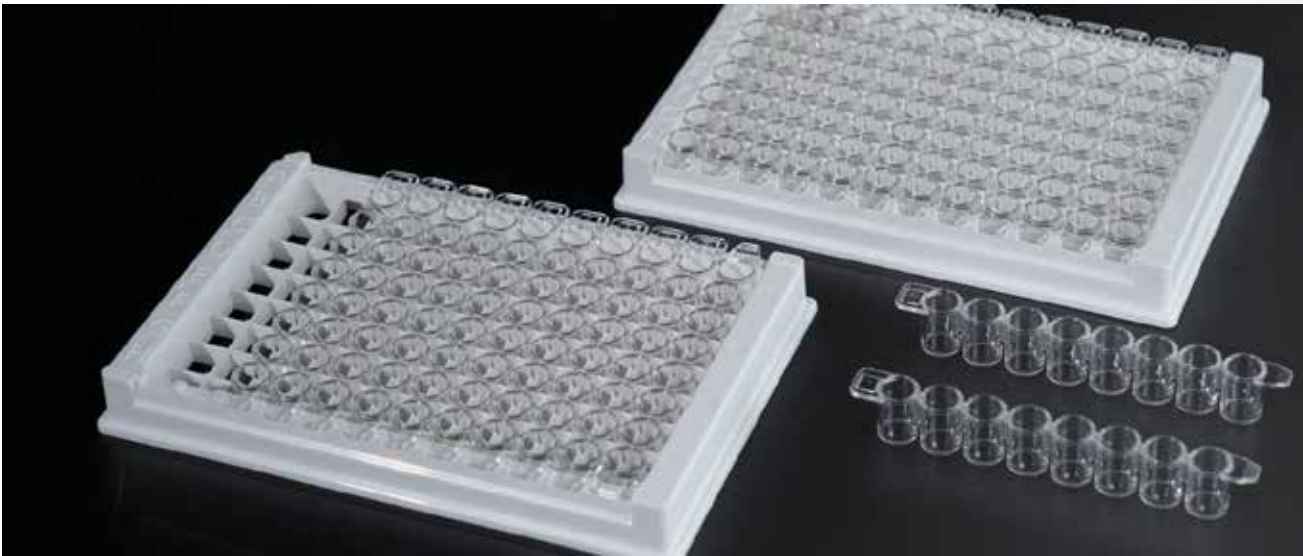
\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

# BIOCHEMISTRY

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ELISA Plate

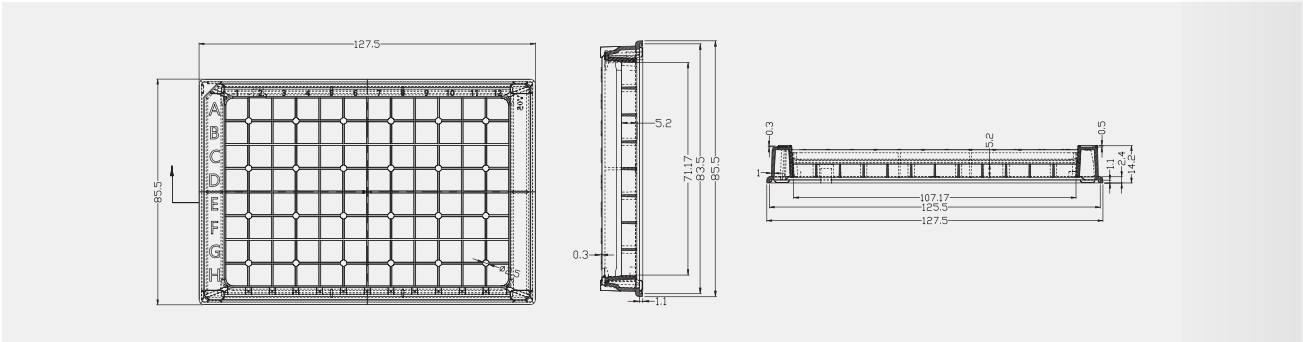
# ELISA Plate



Our ELISA Plate surface is treated in a specific way, resulting in high protein adsorption effect of more than 600 ng/cm<sup>2</sup>. This plate is widely used in laboratory ELISA tests. The bottom of the plate is uniformly flat, with a low refractive index and high light transmission. This makes it convenient for the enzyme marker to detect signals from the bottom. The plate is designed with removable wells, with 8 wells per strip and a total of 12 strips. This design offers convenience, flexibility, and cost-effectiveness.

### Product Features

- Material: PS (Strips) + ABS (Rack)
- Protein Adsorption Effect: >600 ng/cm<sup>2</sup>
- Specification: 8-strip, 96-Well
- Bottom: Flat
- Aseptic Processing: Electron Beam
- Maximum Load Each Well: 300 µL
- Surface Treatment: Special treatment for high protein adsorption



### Applications of ELISA Plates:

- Medical Diagnostics
- Biomedical Research
- Pharmaceutical Development
- Food Safety Testing
- Environmental Monitoring
- Veterinary Diagnostics

### Processes Involved in ELISA Assays:

- Coating
- Blocking
- Incubation
- Washing
- Detection
- Analysis

### Industries Utilizing ELISA Plates:

- Medical and Clinical Diagnostics
- Biotechnology and Pharmaceutical
- Food and Beverage
- Environmental Monitoring
- Veterinary and Animal Health

### ELISA Plate

| Cat. No.  | Surface Type      | Specification (Well) | Packaging |              | Plasticus List Price Single Pack (In INR) | Plasticus List Price Bulk Pack (In INR)* |
|-----------|-------------------|----------------------|-----------|--------------|-------------------------------------------|------------------------------------------|
|           |                   |                      | Pcs/Box   | Boxes/Carton |                                           |                                          |
| EPST-96-F | Special Treatment | 8-Strip, 96-Well     | 10        | 20           | 605                                       | 11854                                    |

\*Add suffix B after the Cat. No. for ordering the Bulk Pack.

## OUR REACH



## YOUR SATISFACTION IS OUR PRIORITY

Microlit products follow GMP norms and are manufactured under comprehensive QA (Quality Assurance) & QC (Quality Control). Our products reflect the design philosophy of our organisation combining the best performance parameters with the best user experience. However, if you are dissatisfied with the operation of any of our products, get in touch with us or call your nearest Microlit dealer for free replacement. The HSN Code for Plasticus Consumables is 39269099.

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