

Technical Data Sheet

Doc No – Ab/TDS/LH-51

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Pipette Tips, Racked PP

Valid for Cat. No. P10116, P10139, P10140, P10141, P10107, P10108, P10142, P10109, P10110, P10155, P10157, P10159, P10160

1. Description/Specification

1.1 Description: Disposable PP Micropipette Racked Tips, DNase, RNase, Human DNA, ATP & Pyrogen Free, CE & IVD certified.

1.2 Design:

Tip: Open Cylindrical Upper and conical Apex with orifice for liquid dispensing

Box: Rectangular Box with Transparent Top Cover with slip lock.

Removable Micro tip Tray Suitable to Work in a Robotic System.

Compatible for use with Multichannel Pipettes

Top cover mark A-H in Y-axis for easy discrimination.

1.3 Performance Specifications:

| Code | Capacity (µl) | No./Case | Colour |
|---------------|---------------------------------|---------------|---------|
| P10116 | 0.1-10 (Graduated) | 10Racksx96pcs | Natural |
| P10139 | 0.1-10 Extended (Graduated) | 10Racksx96pcs | Natural |
| P10140 | 1-200 (Bevelled Graduated) | 10Racksx96pcs | Yellow |
| P10141 | 1-200 (Bevelled Graduated) | 10Racksx96pcs | Natural |
| P10107 | 1-200 (Ultra Point Tip Orifice) | 10Racksx96pcs | Yellow |
| P10108 | 1-200 (Ultra Point Tip Orifice) | 10Racksx96pcs | Natural |
| P10142 | 1-300 (Graduated) | 10Racksx96pcs | Natural |
| P10109 | 100 – 1000ul | 10Racksx96pcs | Blue |
| P10110 | 100 – 1000ul | 10Racksx96pcs | Natural |
| P10155 | 100 – 1000ul XL | 10Racksx96pcs | Natural |
| P10157 | 100 – 1250ul | 10Racksx96pcs | Natural |
| P10159 | 100 – 5000ul | 6Racksx24pcs | Natural |
| P10160 | 500 – 10000ul | 6Racksx24pcs | Natural |



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1.3.2 Fitting to pipettes: Universal Fit (For detail refer the Abdos compatibility chart)

1.4 Material:

1.4.1 Polypropylene (PP), Hydrophobic, confirm US FDA 21CFR

1.4.2 The product has passed the USP testing including class VI tests, Materials has successful passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.4 Free from Heavy metals, RoHS Free according to meets relevant requirements of EU regulations 1935/2004/CE, 2002/95/EC as amended, UE 10/2011 as amended. EU CONEG & it's following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water

1.4.5 Product is manufactured without the use of Raw Materials of animal origin. Therefore BSE/TSE issue does not concern this product to the best of our Knowledge. No materials containing latex or natural rubber are used in the Manufacturing, handling & packaging process for this product.

1.5 Color:

Tip Colour -Natural, Yellow and Blue

Wafer Colour - 10ul Green, 20 to 100ul Yellow, 200 to 300ul Orange, 1000ul Blue, 1000XL & 1250ul Light Blue

1.6 Sterilization:

NA

1.7 Quality control:

Product are manufactured, inspected and found to be in compliance with product & quality specification requirements as documented in ISO 9001:2015 & 13485:2016 Quality Management System. Testing of various characteristics in accordance with the valid specification, inspection reviewed & signed for product release

1.8 Other information:

Reusable, only box can be autoclavable up to 10 autoclave cycle

Tips are of single used only.

1.9. Basic Features:

1.9.1 Made up of : High Purity Virgin Polypropylene (PP)

1.9.2 Temperature range : -80°C to + 121°C for 20 minutes

1.9.3 Autoclavability: Yes, Autoclavable at 15 psi and 121 °C for 20 minutes

1.9.4 Manufactured in Clean room ISO Class 8 (100,000)

1.9.5 Chemical resistance: see website (www.abdoslifesciences.com)



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1.9.6 Retention: Best in its class. (with Acidic & Basic dyes)

Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121⁰C for 20 minutes, 15 psi/1atm. Do not use a dry cycle as this may cause deformation or weakening of the plastic. Allow temperature within the autoclave to return to at least 50⁰C before removing product.

Instruction for Use

Product can be used for food contact also.

Storage temp. Max 30°C

Before using the product check crackness, pouch punctured etc.

Check all the information printed on pouches or boxes.

Always wear gloves while handling specimen.

WARNING

DO NOT store strong oxidizing agents.

DO NOT place any plastic labware in a flame.

DO NOT mix any chemicals that may result in a thermic reaction, which can cause product failure

Consult local fire codes prior to storage of flammable liquids.

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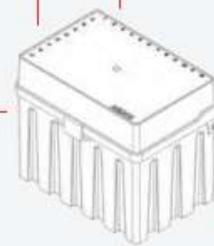
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Abdos Life Science successfully filed **PATENT** in **Pipette Tip Box Category**

Anti-Warpage Technology offers strength & security at liquid handling

Transparent top cover & bottom provides an excellent view of the Micro Tips inside the box



Design with consistent wall thickness for repetitive use in single and multi-channel pipettes

Hinged lid provides fast, safe pipette tip access

Green Manufacturing & Reusable once empty, saves plastics



**Anti-Warpage
Technology**



**Anti-Shrink
Technology**



**Robust Design
& Strength**



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