

# TECHNICAL DATA SHEET

Doc No – Ab/TDS/LH- 80 - II  
Rev No: 09 Date- 05/2024-25

**Abdos Labtech Pvt. Ltd.**  
**RIA Vials & Caps (12x40)**

**Valid for Cat. No. Vial- P10305, P10305A, P10305A1, P10306,**  
**Cap- P10304, P10304A, P10304A1, P10307, P10302**

**SRN (Single Registration Number):** IN-MF-000022272

## 1. Description/Specification

**1.1 Description:** Disposable Vials and Caps, DNase, RNase, Pyrogen Free, CE & IVD certified

### 1.2 Design:

1.2.1 Vial : Cylindrical with Round Bottom

1.2.3 Cap: separate Cap

### 1.3 Performance Specifications:

<b>Ria Vial</b> – 12 x 40 mm (P10305 – PP Natural, P10305A – PP-Amber, P10305A1-PP-Transparent Amber, P10306- PS Natural)
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<b>Ria Vial Cap</b> – (P10304 – HDPE Natural, P10304A-PE Amber, P10304A1-HDPE Transparent Amber, P10307 –PP Natural P10302 – LDPE Natural)
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1.3.1 Volume : 2.8 ml  $\pm$  0.1ml

1.3.2 Size : 12 x 40 mm      Cap Size : 12mm ( $\phi$ )

### 1.4 Material:

1.4.1 Vial Made up of Hydrophobic Polypropylene (PP, **P10305**) and Polystyrene (PS), **P10306**), Cap made up HDPE, confirm US FDA 21CFR

1.4.2 The product complies with USP class VI. Free from Heavy metals, it is safe to use in contact with food stuff, Pharmaceuticals & drinking water.

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1.4.3 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.

1.4.4 **PS-** Material is stable and inert in normal handling & storage conditions.

### **1.5 Color:**

**PP** – Translucent, and **PS-** Glass Clear Transparent

**1.6 Quality control:** Products 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.

**1.7 Other information** Recommended for single use only.

**Vial Pack Size:** 500 pieces/case

**Cap Pack Size:** 500 pieces/case

### **1.8 Basic Features**

**1.8.1 Temperature range:** Tube: -80<sup>0</sup>C to +121<sup>0</sup>C for **PP**

Tube : -10<sup>0</sup>C + 70<sup>0</sup>C for **PS**

**1.8.2 Autoclavability:** Only **PP** is Autoclavable at 15 psi and 121<sup>0</sup>C for 20 minutes

**1.8.3 Centrifugation:** **PP**-3,000 RCF, **PS** – 1400 RCF (With Distilled water at 25<sup>0</sup>C)

**1.8.3 Leak Test at 400 mm Hg:** No leakage

**1.8.4 Chemical resistance:** See website ([www.abdoslifesciences.com](http://www.abdoslifesciences.com))

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

**1.8.6 Intended use:** Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

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## Abdos Labtech Pvt. Ltd. RIA Vials & Caps (12x40)

### Autoclaving Guideline for Plastics (Only for PP RIA Vial)








All plastic consumables are autoclavable at 121<sup>0</sup>C 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 50<sup>0</sup>C 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 specimens.

### 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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<p><b>Manufactured &amp; Marketed By :</b> <b>Abdos Labtech Private Limited</b> Plot No. 1 Lakshewari Bhagwanpur Roorkee 247667 (UK) India For Complaints/Feedback Contact Customer Care at above address or Ph.: +91-011-41081897 or Email us at labtech@abdosindia.com Lic. No.: MFG/IVD/2024/000115 MADE IN INDIA</p>					
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Quality Manager  
Abdos Labtech Private Limited  
Employee Code 30110

