

TECHNICAL DATA SHEET

Doc No – Ab/TDS/CT-07
Rev No: 10 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Self-Standing Centrifuge Tubes, PP/HDPE

Valid For Cat. No. P10423, P10424, P10450, P10432, P10449

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

1. Description/Specification

1.1 Description:

Disposable PP/HDPE centrifuge tube, DNase, RNase, Human DNA, ATP & Pyrogen Free, CE & IVD certified

1.2 Design:

1.2.1 Tube: Cylindrical Upper and conical Bottom with self-stand (skirted)

1.2.2 Tube Cap: Separate Threaded HDPE Cap

1.3 Performance Specifications:

Code	Capacity (ml)	OD (mm)	Height (mm)	Sterile	Colour	No./Case
P10432	50 Bulk	29.2	117.3	NO	Blue	500
P10423	50	29.2	117.3	NO	Blue	500
P10449	50	29.2	117.3	NO	Red	500
P10424	50	29.2	117.3	YES	Blue	500
P10450	50	29.2	117.3	YES	Red	500

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1.4 Material:

1.4.1 Tube - Polypropylene (PP) & Cap- High Density Polyethylene (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.

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.

1.5 Color:

Tube color- Translucent (Natural)

Cap color- Blue/Red

1.6 Graduation and writing surface:

1.6.1 Large Printed Graduation

1.6.2 White Patch for easy writing on the tube

1.6.3 Printed Max Freeze Level Indicator with Red Colour

1.6.4 Reverse Graduation

1.7 Sterilization:

Sterile catalog number from this lot have been pre-sterilizes and dosimetrically released based on ANSI/AAMI/ISO 11137 *Sterilization of healthcare products-Requirements for validation and routine control- Radiation sterilization*. The product has been sterilized with Co-60 Gamma Radiation. SAL 10^{-6}

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1.8 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.

1.9 Other information

Recommended for single use only

2. Basic Features

2.1 Temperature range: Tube:-80⁰C to +121⁰C

2.2 Autoclavability: Yes, Autoclavable at 15 psi and 121⁰C for 20 minutes

2.3 Centrifugation: 7000 RCF (Rated with Double Distilled water at 10⁰C for 30 minutes)

2.4 Leak Test at 635 mm Hg: No leakage

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

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

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

**Depending on the quality of Centrifuge and compatibility of Rotor.*

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.

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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.
Ensure all sample tubes are evenly filled
For each tube inserted in the rotor, add a tube of equal weight directly opposite it.






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
Wear a face shield and / or safety goggles if you have to work anywhere near a centrifuge that's in use.
Do not bump, jar, or move the centrifuge while the rotor is spinning. Make sure you don't have the cord dangling from a table edge where someone could catch their foot in it and pull down the centrifuge
Consult local fire codes prior to storage of flammable liquids.

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Manufactured & Marketed By:
Abdos Labtech Private Limited
Plot No. 1 Lakshwari 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/2024/000158 MADE IN INDIA

UKRP
Obelis UK LTD
Sandford Gate,
East Point Business Park,
Oxford OX4 6LB
United Kingdom
Tel: +44 (0)1891 378012
info@obelis.co.uk

Obelis s.a.
Bd General Watrijs 53
1030 Brussels Belgium
Tel: +32 (0) 2 732 59 54
Fax: +32 (0) 2 732 60 03
mail@obelis.net


Electronic IFU
Scan to visit website



Quality Manager
Abdos Labtech Private Limited
Employee Code 30110

