

Doc No – Ab/TDS/Cryo-32 Rev No: 08 Date- 05/2024-25

Abdos Labtech Pvt. Ltd. Cryo Cube Box/ Storage Cube Box, PP

## Valid for Catalog No. P20612, P20614, P20607

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

## 1. Description/Specification

## 1.1 Description:

- 1.1.1 Reusable Polypropylene (PP) Cryo Cube Box/ Storage Cube Box, manufactured in state of the art moulding facility using high purity polypropylene.
- 1.1.2 These boxes are stackable, versatile and designed for sample storage up to -80°C.
- 1.1.3 These boxes help you to meet storage requirements of 1.5 2.0 ml microtubes & 1.0-2.0 ml cryogenic vials.
- 1.1.4 The dimension of P20614 Cryo Cube Box is compatible with vertical, horizontal & drawer style freezer racks.
- 1.1.5 These boxes have hinged lid connected to the base and the ultra-smooth locking system ensures secure closure preventing accidental opening of these boxes in deep freezers. Inbuilt numbered and letters grid for sample identification.

## 1.2 Design:

Square Box with Transparent Lid.

### 1.3 Performance Specification:

1.3.1 Capacity: P20612 - 1.5, 2.0 ml Micro tube and 1.0, 2.0 ml Cryo tubes -50 Places (10x5)

Capacity: P20614 - 1.5, 2.0 ml Micro tube and 1.0, 2.0 ml Cryo tubes -81 Places (9x9)

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## Abdos Labtech Pvt. Ltd. Cryo Cube Box/ Storage Cube Box, PP

Capacity: P20607 - 1.5, 2.0 ml Micro tubes and 1.0, 2.0 ml cryo tubes -100 Places (10x10)

1.3.2 Universal fit for 1.5, 2.0 ml Micro Tubes and 1.0, 1.8 ml Cryo tubes respectively.

#### 1.4 Material:

- 1.4.1 Polypropylene (PP), Hydrophobic, 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:

**Box**: Blue, Yellow & Green color Lid: Transparent (Natural)

**1.6 Sterilization:** Can be autoclaved at 15 Psi, 121  $^{0}$ C for 15 minutes

#### 1.7 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.

## 1.8 Other Information:

Reusable, can be autoclaved up to 10 autoclave cycle.

## 1.9. Basic Features

- **1.9.1 Made up of** High purity Virgin Polypropylene (PP)
- **1.9.2 Performance:** Boxes have hinged lid & ultra smooth locking system ensure secure closure preventing accidental opening of these boxes in deep freezers.

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1.9.3 Inbuilt numbered and letters grid for sample identification.

**1.9.4 Temperature range:**  $-80^{\circ}$ C to  $+121^{\circ}$ C

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

1.9.6 Manufactured in Aseptic Environment

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

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

## **Autoclaving Guideline for Plastics**

All plastic consumables are autoclavable at 121°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°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

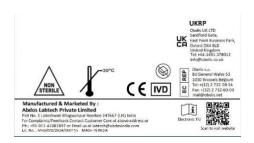
Consult local fire codes prior to storage of flammable liquids.

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