

Technical Data Sheet

Doc No – Ab/TDS/Cryo-32

Rev No : 07 Date 04/2023-24

TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Cryo Box, System – 100 Place PC

Valid for Catalog No. P20611, P20615

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

1. Description/Specification

1.1 Description:

1.1.1. Used in Ultra low temperature for both internal & External thread cryogenic vials. Made of strong polycarbonate and designed to be used at a temperature between -196°C to 121°C.

1.1.2 Can be used in gas phase of liquid nitrogen with appropriate safety procedure in place.

1.1.3 These boxes have 10x10 array (100 places) that can optimize the storage volume of the end user.

1.1.4 These boxes create small, space-efficient storage system within a large mechanical freezer.

1.1.5 Transparent lids permit viewing of contents.

1.1.6 Lids have numbered grid for sample identification. The surface of the lid has a frosted area suitable for writing with markers, facilitating inventory control.

1.1.7 The dimensions of the P20615 Cryo Box are compatible with vertical, horizontal and drawer style freezer racks.

1.2 Design:

Square Box with Transparent Marked Lid.

1.3 Performance Specification:

1.3.1 Capacity: 2.0 ml x 100 Places

1.3.2 Universal fit for 1.8 ml & 2.0 ml Cryo Tube respectively.



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1.4 Material:

1.4.1 Polycarbonate (PC), confirm US FDA 21CFR

1.4.2 Complies with the requirement of European Pharmacopoeia, Plastic Containers and closures for Pharmaceutical use.

1.4.3 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:

Box : White, Yellow, Blue Color

Lid : Transparent (Natural) with Indication Mark for each Place which is printed on Top Lid

Intermediate Grill: White color, Blue color & Yellow color

Three colors available for better color coding

1.6 Sterilization:

Can be autoclaved at 15 psi, 121⁰C for 20 minutes

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:

Writing surface has Number Square for easy sample identification

2. Basic Features

2.1 Made up of High pure virgin Polycarbonate (PC)

2.1 Temperature range: -196⁰C to +121⁰C (Can Withstand in the vapor Phase of liquid nitrogen)



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

2.3 Easy Reference: Transparent lids allow for easy viewing of samples & location

2.4 Self Draining: Each Box includes Drain hole in Base and Air vents in the Lid, Minimizing condensation.

2.5 Manufactured in Aseptic Environment

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

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 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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NON STERILE

30°C

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