

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ PCR-108

Rev No: 07 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Deep Well Plates Family, PP

Valid for Cat. No. P10802, P10803, P10808, P10809, P10810, P10811

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

1. Description/Specification

1.1 Description: Deep Well Plates Family, PP, DNase, RNase, Pyrogen Free.

1.1.1 All Abdos Deep Well Plates conform to SBS International Standard and are compatible with most of the pipette workstations and extraction systems available.

1.1.2 Compatible with many applications such as HTS assays, sample storage, Nucleic acid extraction, sample preparation, elution, and liquid handling stations

1.1.3 Compatible with multi-channel compatible pipettes, Automatic Liquid Handling Stations and Nucleic acid extraction systems .96 well plates come in square and round wells with Conical and round bottoms.

1.1.4 The range includes high and low-profile Deep Well plates in different formats, Comb, Silicone mats, and reservoirs. Manufactured in a state-of-the-art precision mold facility from USP class VI medical grade virgin polypropylene conforming USFDA 21CFR, free from natural rubber and heavy metals

1.1.5 Centrifugal strength up to 3000g. Alphanumeric marking for easy identification. Low extractables & leachable

1.2 Design: Deep Well Plate is square with conical, V, U base design.

1.3 Performance Specification:

Code	Capacity (ml)	Type	No. per Case
P10802	2.2	96 Square Well, Round Conical Bottom ("V")	50 Plates
P10803	1.2	96 Square Well, Conical ("V") Bottom, Deep Well Plate	100 Plates
P10808	-	96 Magnetic Tip Comb for Suitable for P10802	100 Plates

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P10809	0.5	96 Square Well Conical ("V") Bottom (200µl Elution Plate) Deep Well Plate	50 Plates
P10810	2.0	96 Round Well, Round ("U") Bottom Deep Well Plate	50 Plates
P10811	1.0	96 Round Well, Round ("U") Bottom Deep Well Plate	50 Plates

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: Translucent (Natural)

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

1.7.1 DNase, RNase, DNA, Endotoxin and PCR inhibitor.

1.7.2 Recommended for Single use only

1.7.3 These plates come with clear alphanumeric indexing.

1.7.4 Conical base helps to minimize dead volumes

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1.8 Basic Features

1.8.1 Temperature range: -80 °C to + 121°C

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

1.8.3 Manufactured in Aseptic Environment

1.8.4 Chemical resistance: see website (www.abdoslivesciences.com)

1.8.5 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 dry cycle as this may cause deformation or weakening of 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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Quality Manager

Abdos Labtech Private Limited

Employee Code 30110



PI0802



PI0803



PI0808

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Abdos Labtech Pvt. Ltd.
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DEEP WELL PLATE COMPATIBILITY CHART

Automated Liquid Handling Stations

Automated Nucleic Acid Extractor / Purification Systems

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