

# Technical Data Sheet

Doc No – Ab/TDS/PCR-111

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## TECHNICAL DATA SHEET

**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
<b>P10802</b>	2.2	96 Square Well, Round Conical Bottom ("V")	50 Plates
<b>P10803</b>	1.2	96 Square Well, Conical ("V") Bottom, Deep Well Plate	100 Plates
<b>P10808</b>	-	96 Magnetic Tip Comb for Suitable for P10802	100 Plates
<b>P10809</b>	0.5	96 Square Well Conical ("V") Bottom (200µl Elution Plate) Deep Well Plate	50 Plates
<b>P10810</b>	2.0	96 Round Well, Round ("U") Bottom Deep Well Plate	50 Plates
<b>P10811</b>	1.0	96 Round Well, Round ("U") Bottom Deep Well Plate	50 Plates



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## 1.4 Material:

1.4.1 Polypropylene (PP), Hydrophobic, 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:

Translucent (Natural)

## 1.6 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

## 1.7 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

## 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.abdoslifesciences.com](http://www.abdoslifesciences.com))

## Autoclaving Guideline for Plastics

All plastic consumable 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.



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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 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.



Quality Manager

Abdos Labtech Private Limited

Employee Code 30110



# Technical Data Sheet

## DEEP WELL PLATE COMPATIBILITY CHART

### Automated Liquid Handling Stations

### Automated Nucleic Acid Extractor / Purification Systems

Automated Liquid Handling Stations	Automated Nucleic Acid Extractor / Purification Systems	P10803	P10811	P10810	P10809	P10808	P10802
Hamilton Liquid Handlers		✓	✓	✓			
Dr. Oligo Biolytic		✓	✓	✓			
Spex Agrifrep Homogenizers Genogrinders		✓	✓	✓			
OpenTrons Robotic Liquid Handlers		✓	✓	✓			
Beckman Biomek NGenuS		✓	✓	✓			
Beckman Biomek 4000		✓	✓	✓			
Beckman Biomek i7		✓	✓	✓			
Beckman Biomek i5		✓	✓	✓			
Tecan Freedom Evo		✓	✓	✓			
Tecan Fluent		✓	✓	✓			
PerkinElmer Chemiclab 360		✓	✓	✓			
Caliper Perkin Elmer Zephyr G3		✓	✓	✓			
Caliper Perkin Elmer Socrone G3		✓	✓	✓			
Caliper Perkin Elmer Janus		✓	✓	✓			
Eppendorf Ep Motion		✓	✓	✓			
Roche Magnapore 96		✓	✓	✓			
Roche Magnapore 24		✓	✓	✓			
Epigenetik magnetic EPI Mag HT		✓	✓	✓			
Waters Oasis Plate Manifest		✓	✓	✓			
UltraVap Mistral Systems		✓	✓	✓			
Perkin Clarus SQ BC GC/MS Sample Prep		✓	✓	✓			
Shimadzu LCMS Sample Prep		✓	✓	✓			
Agilent Infinity HPLC Sample Prep		✓	✓	✓			
Qiagen Filtration Clavac 96		✓	✓	✓			
MN Filtration chroma bond multi		✓	✓	✓			
<b>Abdos Codes</b>		<b>P10803</b>	<b>P10811</b>	<b>P10810</b>	<b>P10809</b>	<b>P10808</b>	<b>P10802</b>
Thermo Kingfisher APEX					✓	✓	✓
Thermo Kingfisher FLEX Presto 32/96					✓	✓	✓
Thermo Kingfisher Presto 24/ 96					✓	✓	✓
Allsheng auto PURE-96					✓	✓	✓
Zybo EXM6000 96					✓	✓	✓
Himedia InstaNX Mag 96					✓	✓	✓
Q line Biotech POCT services O Xtra 96					✓	✓	✓
Trangene biotech TS 96					✓	✓	✓
Genetix Purifier HT 96					✓	✓	✓
Bio-escape NAE-0196					✓	✓	✓
BIOER GenePure Pro 96					✓	✓	✓
MGI SP-NE32					✓	✓	✓
MGISP-NE384					✓	✓	✓
Bobase HS 96					✓	✓	✓
Tiagen OSE -S96-01 96					✓	✓	✓
Lepu medical Nexor 96					✓	✓	✓
Tiagen 192 SAMPLE S-96					✓	✓	✓
Geneunion BFX-96					✓	✓	✓



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