

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ELECTRO-122

Rev No: 04 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
ABDOS Vertical Midi Gel System

Valid for Catalog No. E12276

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

1. Description Specifications:

1.1 Description: Vertical Midi Gel System Includes – Midi Vertical Assembly, 2 sets of Glass Plates (Rectangular & Notched), 13 wells 2 Combs each of 1 mm & 1.5mm thickness, 4 nos. spacers of 1mm & 1.5 mm Thickness, Gel Casting Stand - 1No, Supporting Screws-2 No's, Safety Lid - 1 No, Connecting Cord - 1 Pair

1.1.1 The system is a designed to run One 16x14cm midi hand cast PAGE & SDS PAGE gels.

1.1.2 Ventilation holes in the system prevent the build-up of condensation during electrophoresis.

1.1.3 The system comes with standard casting unit, combs & spacers of 1 & 1.5mm thickness & a set of glass plates.

1.1.4 Low buffer consumption design having small footprint area, occupies minimal lab bench space.

1.1.5 Unique “T” spacers for leak proof casting.

1.1.6 Recommended Power Supply – E12377

1.2 Design: Gel Electrophoresis system

1.3 Performance Specifications:

Specifications	E12276
Dimensions (LxWxH)	25 x 20 x 27cm

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Gel Dimension (WxH)	16x14cm (1 gels)
Buffer volume	450ml
Electrode wires	Brass, Platinum
Standard Combs-Teflon	13 Well-1.0mm and 1.5mm (2 Nos each)
Standard Combs-Teflon	1.0mm and 1.5mm (2Nos each)
Max. Sample Capacity	20
Time Consumed	4 to 5 hrs
Recommended Power Supply	E12377

1.4 Material: Acrylic

1.5 Color: Natural

1.6 CE Certified

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 Spare Accessories

Code	Product	No. Per Case
E12277	Glass Plates(Notched & Rectangular)	1set
E12281	Teflon Comb 13 well 0.5 mm	1

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E12282	Teflon Comb 13 well 1.0 mm	1
E12283	Teflon Comb 10 well 1.5 mm	1
E12284	Teflon Comb 20 well 0.5 mm	1
E12295	Teflon Comb 20 well 1.0 mm	1
E12296	Teflon Comb 10 well 1.5 mm	1
E12285	Teflon Spacers 0.5 mm	6
E12286	Teflon Spacers 1.0 mm	6
E12287	Teflon Spacers 1.5 mm	6
E12292	Levelling Screws	3
E12244	Connecting Cords	1 Set

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

Warranty: 12 months from the date of Installation or 15 months from the date of Invoicing

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Instruction for Use

Storage temp. Max 30°C

Before using the product check crackness 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



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