

TECHNICAL DATA SHEET

Doc No – Ab/TDS/LH- 66-II
Rev No: 07 Date- 05/2024-25

Abdos Labtech Pvt. Ltd. Stepmate Stepper Syringes

**Valid for Catalog No. E11172D, E11173D, E11174D, E11175D, E11176D, E11177D,
E11178D, E11179D, E11180D, E11181D, E11182D, E11113D, E11184D, E11185D,
E11186D, E11187D**

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

1. Description/Specification

1.1 Description: Stepmate Stepper, 0.5-50ml capacity.

1.1.1 Stepmate Stepper is ideal for routine or research applications in diagnostics, molecular biology, environmental analysis and more.

1.1.2 Stepmate Stepper works on positive displacement pressure and offers highest precision dispensing of liquid media with high viscosity, high density, and high vapor pressure.

1.1.3 It is lightweight and ergonomic.

1.2 Design: Light weight & simple to use operation.

1.3 Material: PP (polypropylene)

1.3.1 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.

1.3.2 The product does not contain any "SVHC" ingredients, in accordance with the currently valid regulation (EC) No 1907/2006 on REACH. The raw materials used are compliant with the currently valid directive 2011/65/EU and 2002/95/EG (RoHS).

1.4 Color: Natural

1.5 Basic Features

1.5.1 Made up of highly Virgin thermoplastic polypropylene.

TECHNICAL DATA SHEET

Doc No – Ab/TDS/LH- 66-II
Rev No: 07 Date- 05/2024-25

Abdos Labtech Pvt. Ltd. Stepmate Stepper Syringes

1.5.2 It can be used with one hand and is maintenance free.

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

1.6. Suitable Tips & Adapter for Stepmate Stepper

Code	Capacity (ml)	Colour	No. Per Case
E11172D	0.5	Natural	100
E11173D	1.25	Natural	100
E11174D	2.5	Natural	100
E11175D	5	Natural	100
E11176D	12.5	Natural	100
E11177D	25	Natural	25
E11178D	50	Natural	25
E11179D	Adapters for 25 ml	Red	1
E11180D	Adapters for 50 ml	Grey	1
E11181D	0.5 Sterile	Natural	100
E11182D	1.25 Sterile	Natural	100
E11183D	2.5 Sterile	Natural	100
E11184D	5 Sterile	Natural	100

TECHNICAL DATA SHEET

Doc No – Ab/TDS/LH- 66-II
Rev No: 07 Date- 05/2024-25

Abdos Labtech Pvt. Ltd. Stepmate Stepper Syringes

E11185D	12.5 Sterile	Natural	100
E11186D	25 Sterile	Natural	25
E11187D	50 Sterile	Natural	25

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

1.6.2 The first and last dispensing liquid should be discarded for precision.

TECHNICAL DATA SHEET

Doc No – Ab/TDS/LH- 66-II
Rev No: 07 Date- 05/2024-25

Abdos Labtech Pvt. Ltd. Stepmate Stepper Syringes

* The first and last dispensing liquid should be discarded for precision.

Dial Setting	01	02	03	04	05
Number of Steps	48	23	15	11	08

Syringe Volume	Test Volume (μl)					A%	P%
0.50 ml	10	20	30	40	50	± 0.8	<= 0.7
1.25 ml	25	50	75	100	125	± 0.8	<= 0.5
2.50 ml	50	100	150	200	250	± 0.8	<= 0.4
5.00 ml	100	200	300	400	500	± 0.4	<= 0.3
12.50 ml	250	500	750	1000	1250	± 0.3	<= 0.3
25.00 ml	500	1000	1500	2000	2500	± 0.2	<= 0.3
50.0 ml	1000	2000	3000	4000	5000	± 0.2	<= 0.2

1.6.3 CE Certified

1.7 Sterilization: For Sterile Codes

Sterile catalog number from this lot have been pre-sterilizes and dosimetrically released based on ANSI/AAMI/ISO 11137 *Sterilization of healthcare products-Requirements for validation and routine control- Radiation sterilization*. The product has been sterilized with Co-60 Gamma Radiation.

TECHNICAL DATA SHEET

Doc No – Ab/TDS/LH- 66-II
Rev No: 07 Date- 05/2024-25

Abdos Labtech Pvt. Ltd. Stepmate Stepper Syringes

1.8 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.

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

Instruction for Use

Product can be used for food contact also.
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 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.

TECHNICAL DATA SHEET

Doc No – Ab/TDS/LH- 66-II
Rev No: 07 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Stepmate Stepper Syringes

Manufactured & Marketed By :
Abdos Labtech Private Limited

Plot No. 1 Lakshwari Bhagwanpur Roorkee 247667 (UK) India
For Complaints/Feedback Contact Customer Care at above address or
Ph.: +91-011-41081897 or Email us at labtech@abdosindia.com
Lic. No. : MFG/IVD/2024/000115 MADE IN INDIA

IVD

UK
CA



Quality Manager

Abdos Labtech Private Limited

Employee Code 30110

