



MIDI SUBMARINE GEL SYSTEM

BIO 03-02

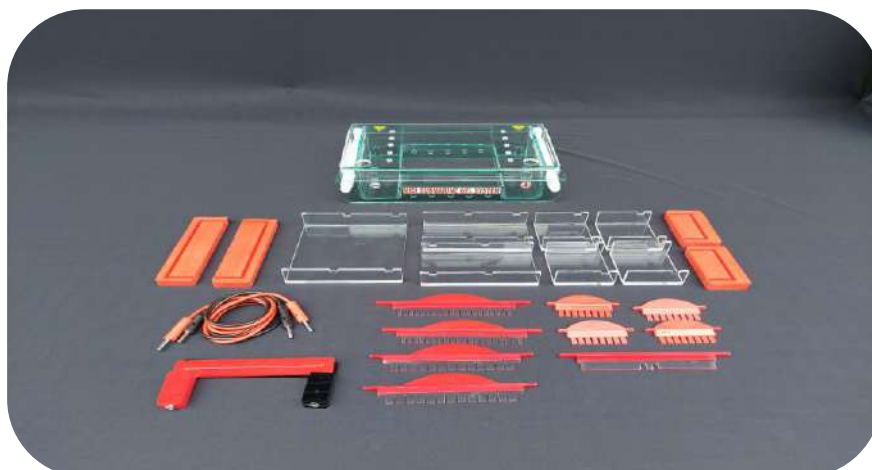
Complete Solution for Life Science Research

MIDI SUBMARINE GEL SYSTEM (#BIO 03-02)



Horizontal electrophoresis systems, also called submarine units, are systems designed to run agarose submerged in running buffer.

Samples are introduced to an electric field and will migrate to the anode or cathode depending on their intrinsic charge. Systems can be used to separate DNA, RNA and proteins for quick screening applications such as sample quantification, size determination or PCR amplification detection. Systems typically come with submarine tank, casting tray, combs, electrodes and power supply. Mini, midi and maxi gel sizes are available for small, medium and large gels. System size choice will depend on sample type, size, running time and electrophoresis conditions. Important considerations for horizontal electrophoresis systems are sample type, buffer conditions, time and voltage needed to separate fragments, and bench top size restrictions.



Technical Specification

Description	Midi Submarine Gel System (BIO 03-02)
Unit Dimensions (L x W x H)	27 x 16 x 8 cm
Gel Dimensions (L x W)	13 x 13 cm
Buffer Volume	350 ml
Maximum Sample Capacity	13
Combs	13 Well Acrylic Comb (1 No) , 8 Well Acrylic Comb (4 No's) & 3 Well Preparative Comb (1 No)
Comb Thickness	1.5 mm
Gel Platforms/Running Tray	13 X 13 Cm (1 No) , 13 X 6 Cm (2 No's) & 6.5 X 6.0 Cm (4 No's)
Comb Slots	2 Slots for 13 X 13 Cm Tray , 2 Slot for 13 X 6 Cm Tray & 1 Slot for 50 X 70Cm Tray
Gel Casting Tray	Universal Tray – 1 No
Platinum Electrodes	1 Set (Anode and Cathode)
Connecting Cord	1 Pair (Red and Black)
User Manual	Yes

Ordering Information

Cat#	Description	Qty
BIO 03-02	Midi Submarine Gel System (Complete Set)	1 No
BW 03-02GS	Gel Scoop for 13 x 13 cm Gels	1 No
BW 03-02UV	GS Gel Scoop for 13 x 13 cm Gels - UV Transparent	1 No
BW EL-03-02	Spare Electrodes 2 nos. for 03-02	1 Set
BW 03-02-01	Developing chamber light proof Analytical	1 Unit
BW 03-02-02	Gel running tray 60 x 65 mm (4/pack)	1 Pack
BW 03-02-03	Gel casting tray for 60 x 65 mm	1 No
BW 03-02-02 UV	UV - transparent gel running tray 60 x 65 mm	1 No
BW 03-02-04	Gel running tray 130 x 60 mm (2/pack)	1 Pack
BW 03-02-05	Gel casting tray for 130 x 60 mm	1 No
BW 03-02-03 UV	UV transparent gel running tray 130 x 60 mm	1 No
BW 03-02-06	Gel running tray 130 x 130 mm	1 No
BW 03-02-07	Gel casting tray for 130 x 130 mm	1 No
BW 03-02-04 UV	UV transparent gel running tray (130 mm x 130 mm)	1 No
BW 03-02-08	Acrylic comb MINI 8 well 1.5 mm	1 No
BW 03-02-09	Acrylic comb ANALYTICAL 13 well 1.5 mm	1 No
BW 03-02-10	Acrylic comb ANALYTICAL 20 well 1.0 & 1.5 mm	1 No
BW 03-02-11	Acrylic comb PREPARATIVE 3 well 3.0 mm	1 No
BW 03-02-12	Acrylic comb PREPARATIVE 3 well 6.0 mm	1 No
BW 03-02-13	Comb stand	1 No
BW-CC	Connecting Cord (Red & Black)	1 No

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