

# START-UP KITS

## DNA AND PROTEIN KITS

コスモ・バイオ株式会社

HORIZONTAL  
ELECTROPHORESIS

IBI's DNA Lab Start-Up Kits combine high quality IBI horizontal electrophoresis systems and IBI molecular biology reagents to make up an excellent value for your new lab start-up. Each kit contains a complete horizontal electrophoresis system, one liter of 10X TAE buffer concentrate, one liter of 10X TBE buffer concentrate, a 5ml bottle of 6X loading dye, and 100gm of IBI molecular biology grade agarose. *Everything you need to begin research or teaching in your lab!*

### ORDERING INFORMATION

CATALOG#	DESCRIPTION
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<b>IB50000B</b>	<b>QSH LAB-PAL DNA START-UP KIT</b>
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\*Each kit comes complete with an IB50000 QSH Lab-Pal unit, 6X loading dye, 10X TAE buffer, 10X TBE buffer, and 100gm of molecular biology grade agarose.

### ORDERING INFORMATION

CATALOG#	DESCRIPTION
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<b>IB51000B</b>	<b>QS-710 DNA START-UP KIT</b>
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\*Each kit comes complete with an IB51000 QS-710 unit, 6X loading dye, 10X TAE buffer, 10X TBE buffer, and 100gm of molecular biology grade agarose.

### ORDERING INFORMATION

CATALOG#	DESCRIPTION
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<b>IB53000B</b>	<b>MP-1015 DNA START-UP KIT</b>
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\*Each kit comes complete with an IB53000 MP-1015 unit, 6X loading dye, 10X TAE buffer, 10X TBE buffer, and 100gm of molecular biology grade agarose.

### ORDERING INFORMATION

CATALOG#	DESCRIPTION
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<b>IB56000B</b>	<b>HR-2025 DNA START-UP KIT</b>
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\*Each kit comes complete with an IB56000 HR-2025 unit, 6X loading dye, 10X TAE buffer, 10X TBE buffer, and 100gm of molecular biology grade agarose.

### ORDERING INFORMATION

CATALOG#	DESCRIPTION
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<b>IB57000B</b>	<b>HR-2525 DNA START-UP KIT</b>
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\*Each kit comes complete with an IB57000 HR-2525 unit, 6X loading dye, 10X TAE buffer, 10X TBE buffer, and 100gm of molecular biology grade agarose.



**IB51000B comes complete with:** IB51000 electrophoresis system, IB01010 (6X loading dye), IB70040 (agarose), IB70150 (10X TBE buffer), and IB70160 (10X TAE buffer)

IBI's Protein Lab Start-Up Kits are made from the NEW IB94000 MaGELin protein system, designed to run 10x10cm cast-your-own polyacrylamide gels or various other pre-cast gels in a dual running format. This kit also includes high quality IBI molecular biology reagents for your protein system needs. Included is one liter of 10X Tris-Glycine-SDS running buffer, a 5ml bottle of 2X protein loading dye, and 1L of Blue-Clean stain.

### ORDERING INFORMATION

CATALOG#	DESCRIPTION
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<b>IB94000B</b>	<b>MAGELIN PROTEIN START-UP KIT</b>
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\*Each kit comes complete with an IB94000 MaGELin protein system, 2X loading dye, 10X Tris-Glycine-SDS buffer, and 1L of Blue-Clean stain

# IB94000

## 10x10cm FORMAT VERTICAL MINI DUAL GEL SYSTEM

コスモ・バイオ株式会社

VERTICAL  
ELECTROPHORESIS

The newly redesigned MaGELin protein system is truly a versatile system designed to accommodate today's researcher. This system will allow you to cast your own gels using the 10x10cm glass plates and easy-to-use casting fixture, or if you prefer to use precast gels the MaGELin protein system accommodates many of those as well. The MaGELin also utilizes a patented vented lid to help reduce heat buildup during a gel run.

### ORDERING INFORMATION

CATALOG#	DESCRIPTION
IB94000	<b>MAGELIN CAST-YOUR-OWN PROTEIN SYSTEM</b> *Comes complete with patented vented lid, buffer tank, gel capture device w/locking cams, dual gel casting fixture, three inner notched glass plates, three outer glass plates, two sets (4) 0.8mm side spacers, two 0.8mm x 12 tooth combs, buffer dam (for running one gel), and power cords.



**IB94000 comes complete with:** *patented vented lid, buffer tank, gel capture device w/ locking cams, dual gel casting fixture, three inner notched glass plates, three outer glass plates, two sets (4) 0.8mm side spacers, two 0.8mm x 12 tooth combs, buffer dam, power cords, and operation manual.*

**Casting your own gels. . .** The IB94000 comes with three sets of glass plates, two sets of unique side sealing spacers, and a two place casting fixture for casting your own gels. The two place casting system (IB94100) has a very small footprint, 10x15cm, utilizing minimal space on your lab's bench-top. The gel sandwich is assembled by placing the glass plates into the matched grooves in the side spacers. Once assembled, the glass plate sandwiches are placed into the casting fixture base, as the lid is replaced onto the base, the gel sandwiches are gently pressed down into the casting fixture gaskets and sealed. The gel can now be cast through the opening in the lid. Once the gel has polymerized, the glass plate sandwiches can be removed and placed into the gel capture device, and then into the buffer tank and run. The buffer tank holds a minimum of 350ml of buffer, and a maximum of 850ml for longer runs that may generate more heat. A stir bar can also be placed into the buffer tank to circulate the buffer keeping the ionic concentration constant. The MaGELin is quick and simple to operate!

### SPECIFICATIONS

	Height	Width	Length
Unit Dimensions:	18.0cm	17.0cm	17.0cm
Gel Dimensions:		10.0cm	10.0cm

### CAPACITY

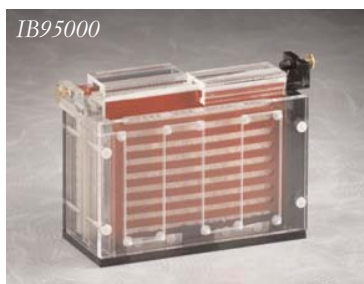
- Maximum Sample Capacity: **15 Samples** (1 Comb, 15 Samples Ea.)
- Buffer Capacity: **850ml Max. - 350ml Min.**
- Recommended Voltage: **150V**

### ACCESSORIES AND REPLACEMENT PARTS

CATALOG#	DESCRIPTION
IB50500	Power Cords, Red and Black
IB92010	Replacement Inner Notched Glass Plates, 5 Pack
IB92020	Replacement Outer Glass Plates, 5 Pack
IB92025	0.8mm Spacer Set, 2 Pack
IB94010	Replacement MaGELin Buffer Tank
IB94020	Replacement MaGELin Gel Capture Device
IB94030	Replacement MaGELin Lid
IB92070	Replacement Casting Fixture Gaskets, 2 Pack
IB92071	Replacement Casting Fixture Knobs, 2 Pack
IB92072	Replacement Tank Connector Kit
IB94074	Replacement Gel Capture Gaskets, 2 Pack
IB94100	MaGELin Casting Fixture, 2 Place
IB94200	MaGELin Casting Fixture, 8 Place
IB95000	MaGELin Western Transfer Module

### ADDITIONAL COMBS AVAILABLE

CATALOG#	DESCRIPTION	WELL WIDTH	VOLUME PER MM WELL DEPTH
IB92030	0.8mm x 10 tooth	5.9mm	4.7µl
IB92031	0.8mm x 12 tooth	4.2mm	3.4µl
IB92032	0.8mm x 15 tooth	3.4mm	2.7µl
IB92033	0.8mm, 0 markers, 1 sample	70.0mm	56µl



*Check out the IB95000 on page 18 for your Western Blots needs, the perfect match for your MaGELin protein system!*

### DID YOU KNOW?

The MaGELin protein system has a 1 sample preparative comb (IB92033) used for running IPG strips for the 2nd dimension of the 2D electrophoresis process.