

# Electrophoresis

Beginning-to-End Solutions in 6 Steps



## 1 Gel Preparation

Axygen® Agarose

Axygen Gel Combs, Gel Trays, and Rubber Casting Dams

## 2 Sample Preparation

Corning® Gel Loading Pipet Tips

Axygen AxyPet Pro Single- and Multi-channel Pipettors

Axygen DNA Markers

## 3 Electrophoresis

Corning 1L 10X TBE Buffer Liquid, pH 8.4 ± 0.1 RNase-/DNase- and protease-free

Axygen Horizontal Gel Box

Axygen Power Supplies

## 4 Gel Documentation

Axygen Gel Documentation System

## 5 Sample Detection

Axygen Gel Cutting Pipet Tips

Axygen AxyPrep DNA Gel Extraction Kit

## 6 Amplification and Storage

Axygen MaxyGene II Thermal Cycler

Axygen PlateMax™ Semi Automated Plate Sealer

Axygen Microcentrifuge Tube Storage Boxes

*This workflow is meant to be cycled for continuous research.*

## Ordering Information

Products may not be available in all markets.

### 1. Gel Preparation

#### Axygen® Agarose

Cat. No.	Description	Qty/Pk	Qty/Cs
AGR-LE-100	Agarose LE, low EEO, molecular biology grade, 100 g	1	1
AGR-LE-1001	Agarose LE, low EEO, molecular biology grade, 100 g	10	10
AGR-LE-500	Agarose LE, low EEO, molecular biology grade, 500 g	1	1
AGR-LE-5001	Agarose LE, low EEO, molecular biology grade, 500 g	10	10
AGR-LM-50	Agarose LM, low melting, molecular biology grade, 50 g	1	1
AGR-LM-501	Agarose LM, low melting, molecular biology grade, 50 g	10	10
AGR-LM-100	Agarose LM, low melting, molecular biology grade, 100 g	1	1
AGR-LM-1001	Agarose LM, low melting, molecular biology grade, 100 g	10	10
AGR-MS-50	Agarose MS, PCR screening, molecular biology grade, 50 g	1	1
AGR-MS-501	Agarose MS, PCR screening, molecular biology grade, 50 g	10	10
AGR-MS-100	Agarose MS, PCR screening, molecular biology grade, 100 g	1	1
AGR-MS-1001	Agarose MS, PCR screening, molecular biology grade, 100 g	10	10

#### Axygen Gel Combs, Gel Trays, and Rubber Casting Dams

##### Gel Combs

Cat. No.	Description	Qty/Pk	Qty/Cs
HGB7-5-15	5-well comb for use with 7 cm gel box, 1.5 mm thickness	1	1
HGB7-8-075	8-well comb for use with 7 cm gel box, 0.75 mm thickness	1	1
HGB7-8-1	8-well comb for use with 7 cm gel box, 1.0 mm thickness	1	1
HGB7-10-1	10-well comb for use with 7 cm gel box, 1.0 mm thickness	1	1
HGB7-10-15	10-well comb for use with 7 cm gel box, 1.5 mm thickness	1	1
HGB7-12MC-1	12-well multi-channel compatible comb for use with 7 cm gel box, 1.0 mm thickness	1	1
HGB7-12MC-15	12-well multi-channel compatible comb for use with 7 cm gel box, 1.5 mm thickness	1	1
HGB7-16-1	16-well comb for use with 7 cm gel box, 1.0 mm thickness	1	1
HGB7-16-15	16-well comb for use with 7 cm gel box, 1.5 mm thickness	1	1
HGB10-8-1	8-well comb for use with 10 cm gel box, 1.0 mm thickness	1	1
HGB10-10MC-1	10-well multi-channel compatible comb for use with 10 cm gel box, 1.0 mm thickness	1	1
HGB10-10MC-15	10-well multi-channel compatible comb for use with 10 cm gel box, 1.5 mm thickness	1	1
HGB10-12-075	12-well comb for use with 10 cm gel box, 0.75 mm thickness	1	1
HGB10-12-1	12-well comb for use with 10 cm gel box, 1.0 mm thickness	1	1
HGB10-12-15	12-well comb for use with 10 cm gel box, 1.5 mm thickness	1	1
HGB10-16-075	16-well comb for use with 10 cm gel box, 0.75 mm thickness	1	1
HGB10-16-1	16-well comb for use with 10 cm gel box, 1.0 mm thickness	1	1
HGB10-16-15	16-well comb for use with 10 cm gel box, 1.5 mm thickness	1	1
HGB10-16-2	16-well comb for use with 10 cm gel box, 2.0 mm thickness	1	1
HGB10-20MC-1	20-well multi-channel compatible comb for use with 10 cm gel box, 1.0 mm thickness	1	1
HGB10-20MC-15	20-well multi-channel compatible comb for use with 10 cm gel box, 1.5 mm thickness	1	1
HGB10-25-1	25-well comb for use with 10 cm gel box, 1.0 mm thickness	1	1
HGB10-25-2	25-well comb for use with 10 cm gel box, 2.0 mm thickness	1	1
HGB15-8-15	8-well comb for use with 15 cm gel box, 1.5 mm thickness	1	1
HGB15-10-1	10-well comb for use with 15 cm gel box, 1.0 mm thickness	1	1
HGB15-10-15	10-well comb for use with 15 cm gel box, 1.5 mm thickness	1	1
HGB15-12-1	12-well comb for use with 15 cm gel box, 1.0 mm thickness	1	1
HGB15-12-15	12-well comb for use with 15 cm gel box, 1.5 mm thickness	1	1
HGB15-14MC-1	14-well multi-channel compatible comb for use with 15 cm gel box, 1.0 mm thickness	1	1
HGB15-14MC-15	14-well multi-channel compatible comb for use with 15 cm gel box, 1.5 mm thickness	1	1
HGB15-14MC-2	14-well multi-channel compatible comb for use with 15 cm gel box, 2.0 mm thickness	1	1

### Gel Combs (continued)

Cat. No.	Description	Qty/Pk	Qty/Cs
HGB15-16-1	16-well comb for use with 15 cm gel box, 1.0 mm thickness	1	1
HGB15-16MC-1	16-well multi-channel compatible comb for use with 15 cm gel box, 1.0 mm thickness	1	1
HGB15-16MC-15	16-well multi-channel compatible comb for use with 15 cm gel box, 1.5 mm thickness	1	1
HGB15-16MC-2	16-well multi-channel compatible comb for use with 15 cm gel box, 2.0 mm thickness	1	1
HGB15-18MC-1	18-well multi-channel compatible comb for use with 15 cm gel box, 1.0 mm thickness	1	1
HGB15-18MC-15	18-well multi-channel compatible comb for use with 15 cm gel box, 1.5 mm thickness	1	1
HGB15-20-075	20-well comb for use with 15 cm gel box, 0.75 mm thickness	1	1
HGB15-20-1	20-well comb for use with 15 cm gel box, 1.0 mm thickness	1	1
HGB15-20-15	20-well comb for use with 15 cm gel box, 1.5 mm thickness	1	1
HGB15-20-2	20-well comb for use with 15 cm gel box, 2.0 mm thickness	1	1
HGB15-28MC-075	28-well multi-channel compatible comb for use with 15 cm gel box, 0.75 mm thickness	1	1
HGB15-28MC-1	28-well multi-channel compatible comb for use with 15 cm gel box, 1.0 mm thickness	1	1
HGB15-28MC-15	28-well multi-channel compatible comb for use with 15 cm gel box, 1.5 mm thickness	1	1
HGB15-30MC-1	30-well multi-channel compatible comb for use with 15 cm gel box, 1.0 mm thickness	1	1
HGB15-30MC-15	30-well multi-channel compatible comb for use with 15 cm gel box, 1.5 mm thickness	1	1
HGB15-35-15	35-well comb for use with 15 cm gel box, 1.5 mm thickness	1	1
HGB20-16-075	16-well comb for use with 20 cm gel box, 0.75 mm thickness	1	1
HGB20-20MC-075	20-well comb for use with 20 cm gel box, 0.75 mm thickness	1	1
HGB20-20MC-1	20-well multi-channel compatible comb for use with 20 cm gel box, 1.0 mm thickness	1	1
HGB20-20MC-15	20-well multi-channel compatible comb for use with 20 cm gel box, 1.5 mm thickness	1	1
HGB20-25-1	25-well comb for use with 20 cm gel box, 1.0 mm thickness	1	1
HGB20-30-1	30-well comb for use with 20 cm gel box, 1.0 mm thickness	1	1
HGB20-40MC-1	40-well multi-channel compatible comb for use with 20 cm gel box, 1.0 mm thickness	1	1
HGB20-40MC-15	40-well multi-channel compatible comb for use with 20 cm gel box, 1.5 mm thickness	1	1
HGB20-40MC-2	40-well multi-channel compatible comb for use with 20 cm gel box, 2.0 mm thickness	1	1
HGB20-50-2	50-well comb for use with 20 cm gel box, 2.0 mm thickness	1	1

### Gel Trays

Cat. No.	Description	Qty/Pk	Qty/Cs
HGB7-7-GT	Gel tray 7 x 7 cm for use with 7 cm gel box, UV transparent	1	1
HGB7-10-GT	Gel tray 7 x 10 cm for use with 7 cm gel box, UV transparent	1	1
HGB10-10-GT	Gel tray 10 x 10 cm for use with 10 cm gel box, UV transparent	1	1
HGB15-10-GT	Gel tray 15 x 10 cm for use with 15 cm gel box, UV transparent	1	1
HGB15-15-GT	Gel tray 15 x 15 cm for use with 15 cm gel box, UV transparent	1	1
HGB20-20-GT	Gel tray 20 x 20 cm for use with 20 cm gel box, UV transparent	1	1

### Rubber Casting Dams

Cat. No.	Description	Qty/Pk	Qty/Cs
HGB7-CD*	Casting dams for use with 7 cm gel box, set of 2	1	1
HGB10-CD*	Casting dams for use with 10 cm gel box, set of 2	1	1
HGB15-CD*	Casting dams for use with 15 cm gel box, set of 2	1	1
HGB20-CD*	Casting dams for use with 20 cm gel box, set of 2	1	1

\*Made to order. Please contact your local Corning Account Manager for more details.

## 2. Sample Preparation

### Corning® Gel Loading Pipet Tips

Cat. No.	Description	Qty/Pk	Qty/Cs
4815	0.2-10 µL flat microvolume gel loading pipet tips, nonsterile	200	400
4853	1-200 µL round 0.5 mm thick gel loading pipet tips, natural, nonsterile	200	400
4854	1-200 µL flat 0.4 mm thick gel loading pipet tips, natural, nonsterile	200	400
4884	1-200 µL flat 0.2 mm thick gel loading pipet tips, natural, nonsterile	200	400

## Axygen® Axypet Pro Single- and Multi-channel Pipettors

Cat. No.	Description	Qty/Pk	Qty/Cs
AP-2-P	0.1-2 µL single-channel pipettor	1	1
AP-10-P	0.5-10 µL single-channel pipettor	1	1
AP-20-P	2-20 µL single-channel pipettor	1	1
AP-50-P	5-50 µL single-channel pipettor	1	1
AP-100-P	10-100 µL single-channel pipettor	1	1
AP-200-P	20-200 µL single-channel pipettor	1	1
AP-1000-P	100-1,000 µL single-channel pipettor	1	1
AP-8-10-P	0.5-10 µL, 8-channel pipettor	1	1
AP-8-50-P	5-50 µL, 8-channel pipettor	1	1
AP-8-200-P	10-200 µL, 8-channel pipettor	1	1
AP-8-300-P	30-300 µL, 8-channel pipettor	1	1
AP-12-10-P	0.5-10 µL, 12-channel pipettor	1	1
AP-12-50-P	5-50 µL, 12-channel pipettor	1	1
AP-12-200-P	10-200 µL, 12-channel pipettor	1	1
AP-12-300-P	30-300 µL, 12-channel pipettor	1	1
AP-STR-KIT-P	Axygen Axypet Pro Starter Kit	1	1

## Axygen DNA Markers

Cat. No.	Description	Qty/Pk	Qty/Cs
M-DNA-100BP	100 bp DNA ladder, 500 µL	1	1
M-DNA-1KB	1 kb DNA ladder, 500 µL	1	1

## 3. Electrophoresis

### Corning® 1L 10X TBE Buffer Liquid, pH 8.4 ± 0.1 RNase-/DNase- and Protease-free

Cat. No.	Description	Qty/Pk	Qty/Cs
46-011-CM	1L 10x TBE buffer, liquid, pH 8.4 ± 0.1 RNase-/DNase- and protease-free	6	6

## Axygen Horizontal Gel Boxes

Cat. No.	Description	Qty/Pk	Qty/Cs
HGB-7	Horizontal gel box, 7 cm	1	1
HGB-10	Horizontal gel box, 10 cm	1	1
HGB-15	Horizontal gel box, 15 cm	1	1
HGB-20	Horizontal gel box, 20 cm	1	1

## Axygen Power Supplies

Cat. No.	Description	Qty/Pk	Qty/Cs
PS250HA	250V High amperage power supply, 115V	1	1
PS250HA-230V	250V High amperage power supply, 230V	1	1
PS300GP	300V General purpose power supply, 115V	1	1
PS300GP-230V	300V General purpose power supply, 230V	1	1

**NOTE:** The 115V and 230V in the product description refer to the plug type necessary to operate in your region.

## 4. Gel Documentation

### Axygen® Gel Documentation System and Accessories

Cat. No.	Description	Qty/Pk	Qty/Cs
GD-1000	Gel documentation system	1	1
GDBL-1000	Gel documentation system-BL	1	1
GD-BLCS	Gel documentation system blue light conversion screen for GD-1000	1	1
GD-WLCS	Gel documentation system white light conversion screen for GD-1000 and GDBL-1000	1	1
GD-GCT	Gel carrying tray for GD-1000 and GDBL-1000	1	1
GDBL-PRT	Thermal printer	1	1
GD-PAPER	Thermal printer paper	1	1
GD-1D	1 user license of Total Lab 1D (also available in more user licenses upon request)	1	1
GDBL-BLUE	Optional blue filter (497 nm)	1	1
GDBL-GREEN	Optional green filter (572 nm)	1	1
GD-GCS	UV transmitting tray that protects UV transilluminator when cutting out bands	1	1
GD-OG	Orange glasses ideal for reducing background when cutting out bands with blue light	1	1
GD-USBS	USB hub	1	1
GD-USBMK	USB mouse and keyboard	1	1

## 5. Sample Detection

### Axygen Gel Cutting Pipet Tips

Cat. No.	Description	Qty/Pk	Qty/Cs
TGL-1140*	1.1 x 4 mm gel cutting pipet tips, clear, nonsterile, bulk pack	250	2,500
TGL-1140-R*	1.1 x 4 mm gel cutting pipet tips, clear, nonsterile, rack pack	480	2,400
TGL-1165*	1.1 x 6.5 mm gel cutting pipet tips, clear, nonsterile, bulk pack	250	2,500
TGL-1165-R*	1.1 x 6.5 mm gel cutting pipet tips, clear, nonsterile, rack pack	480	2,400

\*Made to order. Please contact your local Corning Account Manager for more details.

### Axygen AxyPrep DNA Gel Extraction Kit

Cat. No.	Description	Qty/Pk	Qty/Cs
AP-GX-250	AxyPrep DNA gel extraction kit	1	1

## 6. Amplification and Storage

### Axygen MaxyGene II Thermal Cyclers

Cat. No.	Description	Qty/Pk	Qty/Cs
THERM-1001	Thermal cycler with 96-well block, 120V	1	1
THERM-1000	Thermal cycler with 96-well block, 230V	1	1

### Axygen PlateMax™ Semi-automated Plate Sealers

Cat. No.	Description	Qty/Pk	Qty/Cs
HS-1120	PlateMax semi-automated plate sealer, includes adapters for standard and deep-well microplates, 120V	1	1
HS-1230	PlateMax semi-automated plate sealer, includes adapters for standard and deep-well microplates, 230V	1	1

### Axygen Microcentrifuge Tube Storage Boxes

Cat. No.	Description	Qty/Pk	Qty/Cs
TR8300	100 place microcentrifuge tube box, natural, 1.5 to 2.0 mL	5	5
TR8300-A	100 place microcentrifuge tube box, multi-color pack, 1.5 to 2.0 mL	5	5
TR8300-B	100 place microcentrifuge tube box, blue, 1.5 to 2.0 mL	5	5
TR8300-BLK	100 place microcentrifuge tube box, opaque black, 1.5 to 2.0 mL	2	2

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