

Electrophoresis, Blotting and Immunodetection

Gel preparation - Precast gels, SDS-PAGE, horizontal

ExcelGel for SDS PAGE



GE

- Save time with ready to use, mechanically stable gels cast on plastic supports
- Apply samples quickly and easily using preformed sample wells
- Avoid making running buffer by using precast buffer strips

ExcelGel precast gels for SDS-PAGE are available as homogeneous or gradient gels. The homogeneous gels have 25 preformed sample wells for sample volumes from 5µL to 17µL. The gradient gels use sample application strips (26 samples up to 40µL, 52 samples up to 20µL), paper pieces or sample droplets. All ExcelGel SDS Homogeneous and 8 to 18 gradient gels have a 33mm stacking zone and a 77mm separating zone. ExcelGel gradient gels are recommended for use with Immobiline DryStrip gels.

	GZ80125553	GZ80126001	GZ80126101	GZ80126201
Separation range (M, x 10 ³)	15 to 200	35 to 200	15 to 40	3 to 8
Gel description				
Dimensions (w x l x t), mm	245 x 110 x 0.5	250 x 110 x 0.5	250 x 110 x 0.5	250 x 110 x 0.5
Stacking zone (% T/% C)	5/3	5/3	6/3	7.5/3
Separating zone (% T/% C)	8 to 18/3	7.5/3	12.5/2	15/3
Buffer	A	A	A	B
Storage temperature, °C	20 to 30	4 to 8	4 to 8	4 to 8

Buffers:

A: Tris/HAC, pH 6.4

B: As in A plus 30% ethylene glycol

Catalogue No	Description	Pack qty
GZ80125553	ExcelGel SDS gradient gels 8 to 18	6
GZ80126001	ExcelGel SDS homogeneous gels 7.5	6
GZ80126101	ExcelGel SDS homogeneous gels 12.5	6
GZ80126201	ExcelGel SDS homogeneous gels 15	6

Accessories

Catalogue No	Description	Quantity
GZ17134201	ExcelGel SDS buffer strips (anode and cathode)	6 pairs
GZ80644290	Multiphor II buffer and strip positioner	1



ExcelGel system for SDS-PAGE



GE

- Perform second-dimension separations using convenient precast gels and 70mm, 110mm, 180mm, or 240mm IPG strips
- Choose from ExcelGel precast SDS-polyacrylamide gels available as 12.5% homogeneous and 12% to 14% gradient gels
- Prepare multiple 2D maps on a single gel using three 70mm or two 110mm IPG strips side by side

The Multiphor II buffer strip positioner facilitates placement of ExcelGel buffer strips and holds the strips securely in place during the run.

	GZ17600221	GZ17600221	GZ17134201
	ExcelGel 2D homogeneous 12.5	ExcelGel gradient XL 12 to 14	ExcelGel SDS buffer strips (anode and cathode)
Separation range (Mr x 10 ³)	10 to 120	12 to 116	-
Dimensions (w x l x t), mm	250 x 110 x 0.5	245 x 180 x 0.5	245 x 4.5
Stacking zone (%T/%C), mm	33, 6/3	40, 5/3	-
Separating zone (%T/%C), mm	77, 12.5/2	140, 12 to 14/3	-
Buffer	A	B	C, D
Storage temperature, °C	4 to 8	4 to 30	4 to 8

Buffers:

A: Tris-acetate, pH6.4

B: Tris-acetate, pH6.6

C: Anode buffer: Tris-acetate, pH6.6

D: Cathode buffer: Tris-tricine, pH7.1

Immobiline DryStrip length: 70, 110 and 180mm

Catalogue No	Description	Quantity
GZ17600221	ExcelGel 2D homogeneous 12.5	6 precast gels
GZ17123601	ExcelGel gradient XL 12 to 14	3 precast gels
GZ17134201	ExcelGel SDS buffer strips (anode and cathode)	6 pairs
GZ80644290	Multiphor II buffer and strip positioner	1



Three 2D maps can be prepared on one gel using Multiphor II in conjunction with Immobiline™ DryStrip 70mm gels and ExcelGel 2D Homogeneous 12.5.