

SERVAge™ The New Precast Vertical Gel



SERVA offers precast gels in cassettes for the vertical electrophoresis of proteins. Using the new SERVAge™ you can separate your protein samples in the presence (SDS PAGE) or absence (native PAGE) of SDS.

The main benefits of the new SERVAge™ precast gels are the separation performance, the excellent staining/destaining properties and the overall easy handling. Each gel is packed into a single bag that carries an individual lot number for easy gel identification. With the 1 mm thin gels 12 samples can be analyzed, the separation distance is 7 cm. Poured in stable cassettes with a format of 10 x 10 x 0.7 cm, the precast gels will fit perfectly into the SERVA BlueVertical 102 Mini Slab Gel System (BV102) as well as into the mini vertical systems Mighty Small II (SE260) and miniVE (SE300) from Hoefer. The cassette gels will also fit into slab gel systems of other manufacturers (please ask).

Properties

- Available as tris-glycine gel SERVAge™ TG (shelf life 3 months)
- Available as neutral gel SERVAge™ Neutral pH 7.4 and Neutral pH 7.4 Gradient (shelf life 6 months)
- Format 10 x 10 x 0.7 cm
- Separation distance 7 cm
- Unique lot number for each single gel
- 12 samples/gel
- Gels are free of SDS
- Short set-up times
- Easy handling
- Excellent staining/destaining properties
- Cassette opening tool included
- Completed by buffers, markers, stains and equipment
- Developed, manufactured and packed at SERVA in Heidelberg

Ordering Information

Product	Quantity	Cat. No.
SERVA[®]Ge[™] TG 8 – Vertical Tris-Glycine Gel 8 % (separation range from 40 up to 250 kDa)	10 gels	43208.01
	6 gels	43208.02
	2 gels	43208.03
SERVA[®]Ge[™] TG 10 – Vertical Tris-Glycine Gel 10 % (separation range from 30 up to 200 kDa)	10 gels	43210.01
	6 gels	43210.02
	2 gels	43210.03
SERVA[®]Ge[™] TG 12 – Vertical Tris-Glycine Gel 12 % (separation range from 20 up to 200 kDa)	10 gels	43212.01
	6 gels	43212.02
	2 gels	43212.03
SERVA[®]Ge[™] TG 14 – Vertical Tris-Glycine Gel 14 % (separation range from 10 up to 100 kDa)	10 gels	43214.01
	6 gels	43214.02
	2 gels	43214.03
SERVA[®]Ge[™] TG 16 – Vertical Tris-Glycine Gel 16 % (separation range from 5 up to 70 kDa)	10 gels	43216.01
	6 gels	43216.02
	2 gels	43216.03
SERVA[®]Ge[™] TG 4-12, Vertical Tris-Glycine Gel 4-12 % (separation range from 30 up to 300 kDa)	10 gels	43232.01
	6 gels	43232.02
	2 gels	43232.03
SERVA[®]Ge[™] TG 4-20, Vertical Tris-Glycine Gel 4-20 % (separation range from 6 up to 200 kDa)	10 gels	43230.01
	6 gels	43230.02
	2 gels	43230.03
SERVA[®]Ge[™] TG 8-16, Vertical Tris-Glycine Gel 8-16 % (separation range from 20 up to 250 kDa)	10 gels	43231.01
	6 gels	43231.02
	2 gels	43231.03
SERVA[®]Ge[™] Neutral pH 7.4 (separation range from 6.5 up to 200 kDa) The SERVA [®] Ge [™] Neutral pH 7.4 can be operated with various buffer systems such as Tris-Glycine, MOPS-Tris, Tris-Tricine.	10 gels	43220.01
	6 gels	43220.02
	2 gels	43220.03
SERVA[®]Ge[™] Neutral pH 7.4 Gradient (separation range from 5 up to 150 kDa) The SERVA [®] Ge [™] Neutral pH 7.4 Low MW has all advantages of the SERVA [®] Ge [™] Neutral pH 7.4 (cat. no. 43220) but shows even better resolution performance for smaller proteins and peptides in the range from 5 kDa up to 150 kDa. To improve resolution and sharpness of protein bands gels should be run using SERVA Tris-Tricine/Native running buffer (cat. no. 42552), samples should be dissolved in Tris-Tricine sample buffer (cat. no. 42551).	10 gels	43221.01
	6 gels	43221.02
	2 gels	43221.03
SERVA[®]Ge[™] Native PAGE Starter Kit Contains 4 SERVA [®] Ge [™] Tris-Glycine gels of your choice, 400 ml 1x Towbin running buffer (cat.no. 42558), 1 ml SERVA Tris-Glycine/SDS sample buffer (2x) (cat.no. 42528).	1 kit	43201.01
SERVA[®]Ge[™] SDS PAGE Starter Kit Contains 4 SERVA [®] Ge [™] Tris-Glycine gels of your choice, 400 ml 10x Laemmli running buffer (cat.no. 42556), 1 ml SERVA Tris-Glycine/SDS sample buffer (2x) (cat.no. 42527), DTT (cat.no. 20710, 310 mg to be dissolved in 1 ml H ₂ O) and 50 µl SERVA Unstained SDS PAGE Protein Marker (cat.no. 39215).	1 kit	43200.01

Buffers, Stains and Accessories

Product	Quantity	Cat. No.
SERVA Tris-Glycine/SDS sample buffer (2x)	20 ml	42527.01
SERVA Tris-Glycine native sample buffer (2x)	20 ml	42528.01
SERVA Tris-Glycine/SDS electrophoresis buffer (10x)	1000 ml	42529.01
SERVA Tris-Glycine native electrophoresis buffer (10x)	1000 ml	42530.01
SERVA Blue R staining solution (2x)	2 x 500 ml	42531.01
SERVA DensiStain Blue G staining solution (2x)	500 ml	35078.01
SERVA Silver Staining Kit for SDS PAGE	for 25 mini gels	35076.01
SERVA Silver Staining Kit for native PAGE	for 25 mini gels	35077.01
SERVA staining dish (12.5 x 12.5 cm)	1 piece	42520.01
SERVA dryer frame (14 x 14 cm)	2 pieces	42521.01
SERVA cellophane sheets (14 x 13.3 cm)	200 pieces	42522.01