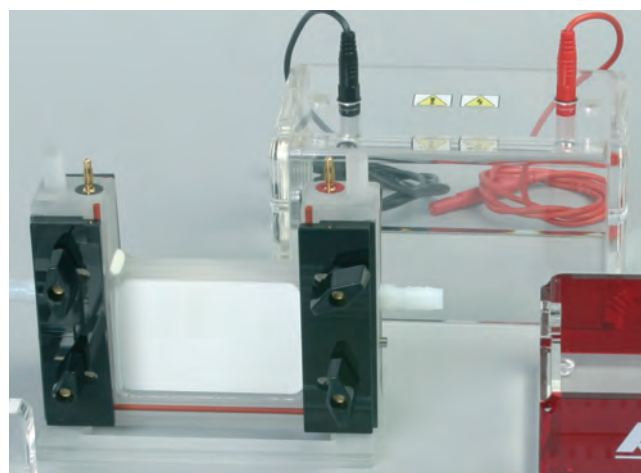


APELEX ANAMED PRECAST GELS

The following gels are manufactured in a 10 cm x 10 cm one-way use plastic-cassette and fit into the **APELEX** Mini-Vertigel 2 tank (see page 30) and most of the commercial available electrophoresis minicells, such as Novex Serva, Hoefer, e.g. The gels are available in packs of ten per gel type - no single-gels!

APELEX anamed precast gel (PAG) are manufactured to be "native" gels. Therefore they fit perfectly for to use in native or SDS-Electrophoresis! All Laemmli-gels have a 4 % stacking gel!



APELEX ANAMED precast gel:

A reliable standard directly from the refrigerator. Our specialists have several years of first-hand experience in the development and production of precast gels. We submit our products to a strict quality control with a certificate of analysis (GLP).

Mini Vertigel 2 PC: Cat. No. 400800

Designed for precast gels 10 x 10 cm. Supplied with Running Module. No other accessories for Casting Gels.

See page 40 the detail of additional accessories as combs, spacers, glass plates and further items.

VarioGel® ORDERING INFORMATION

PART-N°	PRODUCT-SPECIFICATION	UNIT
VarioGel® - the cleaver Solution for your Protein- or DNA-Electrophoresis		
IDEAL IN PERFORMANCE FOR NARROW MOLECULAR WEIGHT RANGES		
VG 09110	9 % VarioGel®, 1 mm, 10 wells	10 pieces
VG 09112	9 % VarioGel®, 1 mm, 12 wells	10 pieces
VG 09115	9 % VarioGel®, 1 mm, 15 wells	10 pieces
IDEAL IN PERFORMANCE FOR BROAD MOLECULAR WEIGHT RANGES		
VG 41210	4 - 12 % VarioGel®, 1 mm, 10 wells	10 pieces
VG 41212	4 - 12 % VarioGel®, 1 mm, 12 wells	10 pieces
VG 41215	4 - 12 % VarioGel®, 1 mm, 15 wells	10 pieces
BUFFER SOLUTIONS FOR ELEKTROPHORESIS WITH VARIOGEL®		
VM 05509	MOPS/Tris/SDS-Running buffer for VarioGel® (20 x Concentrate)	500 ml
VM 10509	MOPS/Tris/SDS-Running buffer for VarioGel® (20 x Concentrate)	1000 ml
VM 50509	MOPS/Tris/SDS-Running buffer for VarioGel® (20 x Concentrate)	5000 ml
VT 05508	Tricin/Tris/SDS-Running buffer for VarioGel® (20 x Concentrate)	500 ml
VT 10508	Tricin/Tris/SDS-Running buffer for VarioGel® (20 x Concentrate)	1000 ml
VT 50508	Tricin/Tris/SDS-Running buffer for VarioGel® (20 x Concentrate)	5000 ml
VP 02510	Tris/HCl/SDS-Samplebuffer for VarioGel® (2 x Concentrate)	20 ml
VP 05510	Tris/HCl/SDS-Samplebuffer for VarioGel® (2 x Concentrate)	50 ml
TB 01075	TBE- Samplebuffer for DNS-Samples (5 x Concentrate), extra heavy	10 ml
BUFFER SOLUTIONS FOR BLOTTING THE ANAMED PRECAST GELS		
TG 05005	Transfer buffer for VarioGel®/ProGel/ProGel-P (25 x Concentrate)	500 ml
TG 10005	Transfer buffer for VarioGel®/ProGel/ProGel-P (25 x Concentrate)	1000 ml

NEW PRECAST GELS FAMILY: THE VARIOGEL®

Two variations: 9 % and 4-12 % VarioGel® for precise Protein - or DNA separation.

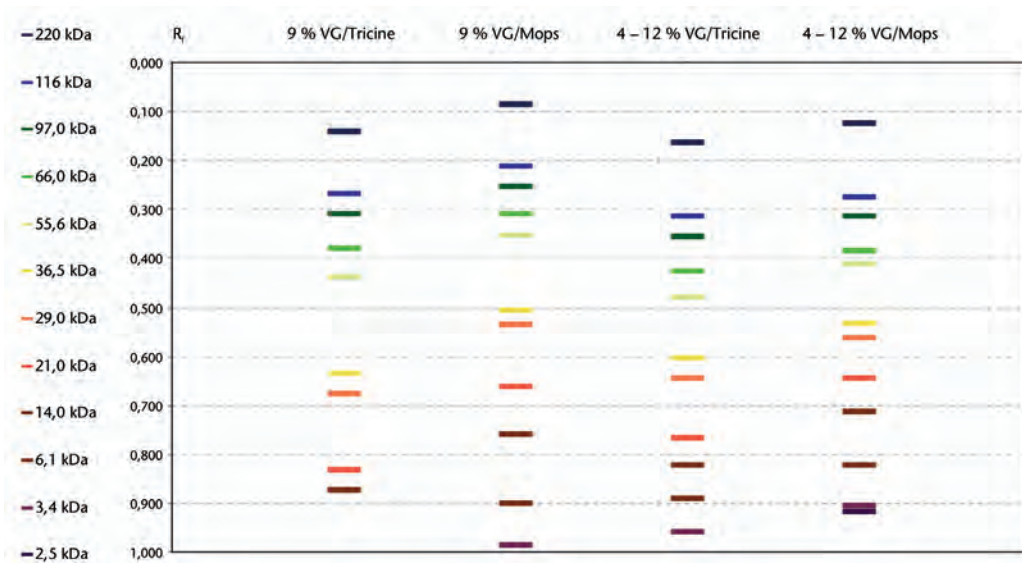
VarioGel® is a pH-neutral Polyacrylamide-Precast-Gel designed for the vertical SDS-Electrophoresis in format of 10 cm x 10 cm gels.

VarioGel® is clearly designed for being an alternative product to other available “long-shelf-life – gels”.

VarioGel® doesn't need an antioxidant added to the run-buffer-solution to prevent reoxidation of the samples during run-time of the electrophoresis, it's already in the buffer solution.

VarioGel® is not intended to substitute by all means the performance of a pH-alkaline Tris/Glycine or Tricine gel. We know by fact certain applications which run much better in terms of separation in weak alkaline buffer medias.

MIGRATION PATTERN OF PROTEMIX ON VARIOGEL® 9% AND 4 - 12%

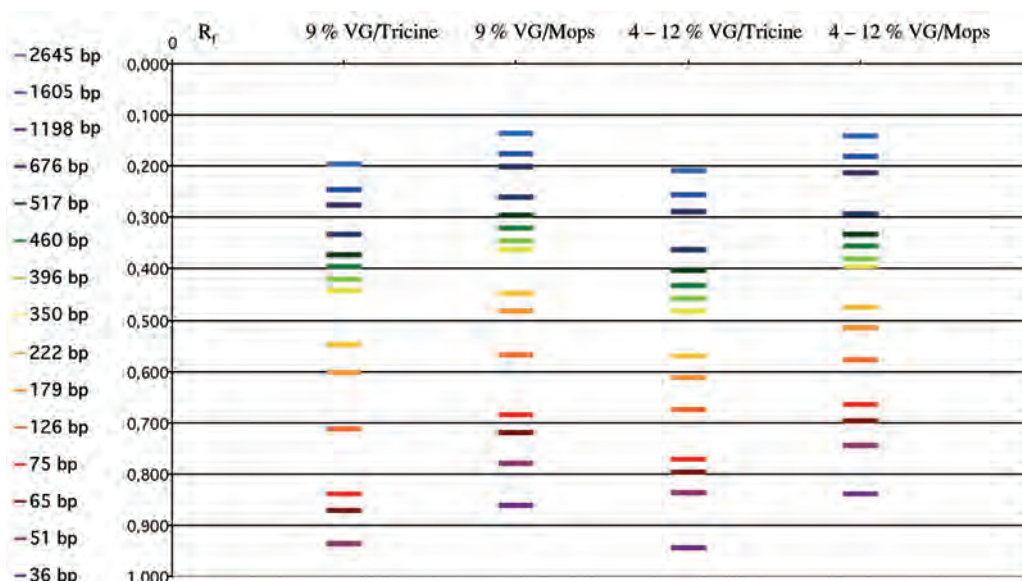


The best feature of VarioGel®:

- Possible variations in buffer solutions to be used, for selection of the best resolution in molecular sizes a user wants to look at.
- Shorter runtime, down to 35 minutes instead of 90 minutes.
- No need of refrigerator storage.



MIGRATION PATTERN OF DNA-FRAGMENTS ON VARIOGEL® 9% AND 4 - 12%



- Guaranteed shelf life of at least 6 months after production date.
- Very attractive in price, QC – certificates available on request.
- Saving laboratory costs, providing ease of use and precise results.

PROGEL HOMOGENIOUS TRIS-GLYCINE GELS ("LAEMMLI-GELS") FOR PROTEIN ANALYSIS

	IDEAL PERFORMANCE BETWEEN	100 - 400 kDa
TG 04110	4 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 04112	4 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 04115	4 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 04510	4 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 04512	4 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 04515	4 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box

	IDEAL PERFORMANCE BETWEEN	60 - 300 kDa
TG 06110	6 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 06112	6 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 06115	6 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 06510	6 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 06512	6 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 06515	6 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box

	IDEAL PERFORMANCE BETWEEN	40 - 250 kDa
TG 08110	8 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 08112	8 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 08115	8 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 08510	8 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 08512	8 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 08515	8 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box

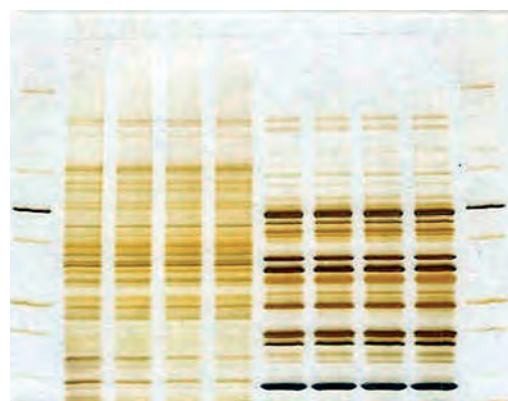
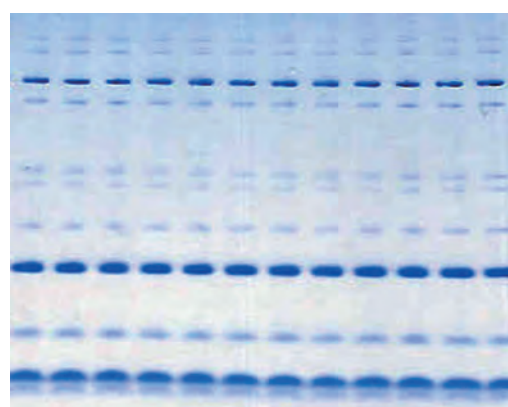
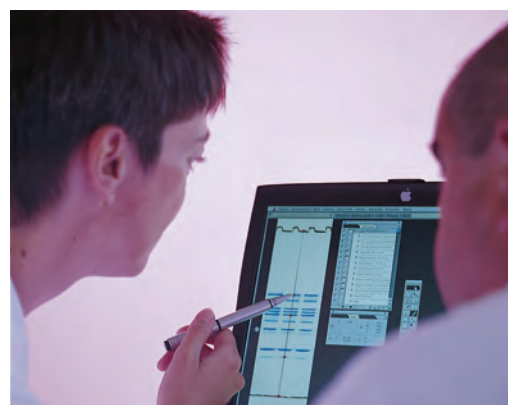
	IDEAL PERFORMANCE BETWEEN	30 - 200 kDa
TG 10110	10 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 10112	10 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 10115	10 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 10510	10 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 10512	10 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 10515	10 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box

	IDEAL PERFORMANCE BETWEEN	15 - 120 kDa
TG 12110	12 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 12112	12 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 12115	12 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 12510	12 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 12512	12 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 12515	12 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box

	IDEAL PERFORMANCE BETWEEN	6 - 80 kDa
TG 14110	14 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 14112	14 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 14115	14 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 14510	14 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 14512	14 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 14515	14 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box

	IDEAL PERFORMANCE BETWEEN	5 - 60 kDa
TG 16110	16 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 16112	16 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 16115	16 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 16510	16 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 16512	16 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 16515	16 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box

	IDEAL PERFORMANCE BETWEEN	2 - 50 kDa
TG 18110	18 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 18112	18 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 18115	18 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 18510	18 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 18512	18 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 18515	18 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box



PROGEL TRIS-GLYCINE GRADIENT-GELS

	IDEAL PERFORMANCE BETWEEN	30 - 300 kDa
TG 41210	4 - 12 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 41212	4 - 12 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 41215	4 - 12 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 41250	4 - 12 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 41252	4 - 12 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 41255	4 - 12 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box

	IDEAL PERFORMANCE BETWEEN	10 - 200 kDa
TG 81610	8 - 16 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 81612	8 - 16 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 81615	8 - 16 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 81650	8 - 16 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 81652	8 - 16 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 81655	8 - 16 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box

	IDEAL PERFORMANCE BETWEEN	5 - 200 kDa
TG 42010	4 - 20 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 42012	4 - 20 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 42015	4 - 20 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 42050	4 - 20 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 42052	4 - 20 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 42055	4 - 20 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box

	IDEAL PERFORMANCE BETWEEN	5 - 100 kDa
TG 12010	10 - 20 % Tris/Gly Gel, 1,0 mm, 10-well	10 pieces in a box
TG 12012	10 - 20 % Tris/Gly Gel, 1,0 mm, 12-well	10 pieces in a box
TG 12015	10 - 20 % Tris/Gly Gel, 1,0 mm, 15-well	10 pieces in a box
TG 12050	10 - 20 % Tris/Gly Gel, 1,5 mm, 10-well	10 pieces in a box
TG 12052	10 - 20 % Tris/Gly Gel, 1,5 mm, 12-well	10 pieces in a box
TG 12055	10 - 20 % Tris/Gly Gel, 1,5 mm, 15-well	10 pieces in a box

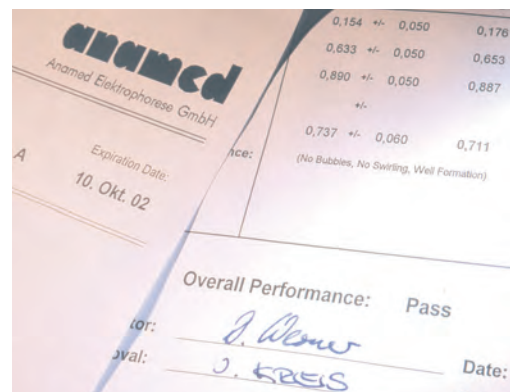


PROGEL-P TRIS-TRICINE-GELS ("SCHAEGGER & VON JAGOW-GELS"), PREFERABLY DESIGNATED FOR PEPTIDE ELECTROPHORESIS

	IDEAL PERFORMANCE BETWEEN	8 - 150 kDa
TR 10110	10 % Tricine Gel, 1,0 mm, 10-well	10 pieces in a box
TR 10112	10 % Tricine Gel, 1,0 mm, 12-well	10 pieces in a box
TR 10115	10 % Tricine Gel, 1,0 mm, 15-well	10 pieces in a box

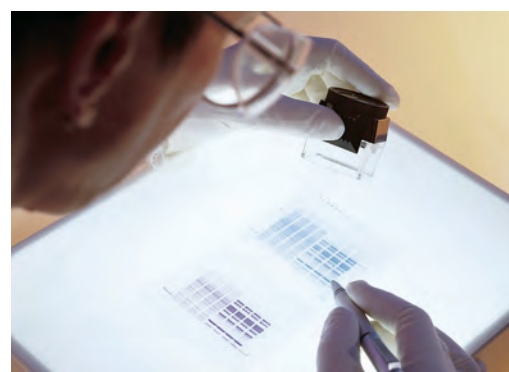
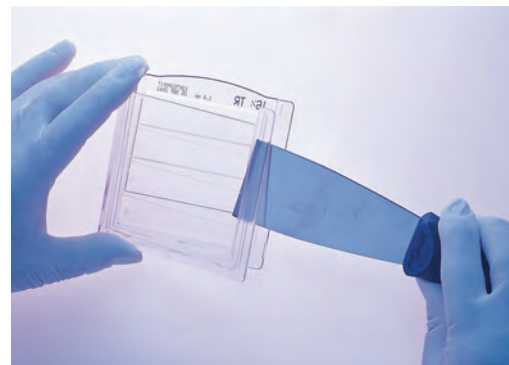
	IDEAL PERFORMANCE BETWEEN	1 - 40 kDa
TR 16110	16 % Tricine Gel, 1,0 mm, 10-well	10 pieces in a box
TR 16112	16 % Tricine Gel, 1,0 mm, 12-well	10 pieces in a box
TR 16115	16 % Tricine Gel, 1,0 mm, 15-well	10 pieces in a box

	IDEAL PERFORMANCE BETWEEN	2 - 200 kDa
TR 12010	10 - 20% Tricine Gel, 1,0 mm, 10-well	10 pieces in a box
TR 12012	10 - 20% Tricine Gel, 1,0 mm, 12-well	10 pieces in a box
TR 12015	10 - 20% Tricine Gel, 1,0 mm, 15-well	10 pieces in a box



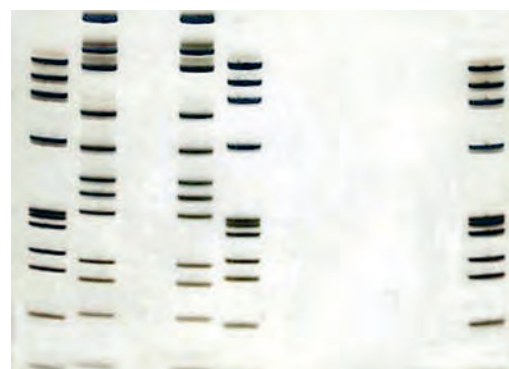
NUCGEL TRIS-BORATE-EDTA (TBE) GELS FOR ELECTROPHORESIS OF DNA

	IDEAL PERFORMANCE BETWEEN	60 - 2500 bp
TB 06110	6 % TBE Gel, 1,0 mm, 10-well	10 pieces in a box
TB 06112	6 % TBE Gel, 1,0 mm, 12-well	10 pieces in a box
TB 06115	6 % TBE Gel, 1,0 mm, 15-well	10 pieces in a box
	IDEAL PERFORMANCE BETWEEN	40 - 2500 bp
TB 08110	8 % TBE Gel, 1,0 mm, 10-well	10 pieces in a box
TB 08112	8 % TBE Gel, 1,0 mm, 12-well	10 pieces in a box
TB 08115	8 % TBE Gel, 1,0 mm, 15-well	10 pieces in a box
	IDEAL PERFORMANCE BETWEEN	50 - 1500 bp
TB 10110	10 % TBE Gel, 1,0 mm, 10-well	10 pieces in a box
TB 10112	10 % TBE Gel, 1,0 mm, 12-well	10 pieces in a box
TB 10115	10 % TBE Gel, 1,0 mm, 15-well	10 pieces in a box
	IDEAL PERFORMANCE BETWEEN	10 - 900 bp
TB 20110	20 % TBE Gel, 1,0 mm, 10-well	10 pieces in a box
TB 20112	20 % TBE Gel, 1,0 mm, 12-well	10 pieces in a box
TB 20115	20 % TBE Gel, 1,0 mm, 15-well	10 pieces in a box
	IDEAL PERFORMANCE BETWEEN	60 - 2500 bp
TB 41210	4 - 12 % TBE Gel, 1,0 mm, 10-well	10 pieces in a box
TB 41212	4 - 12 % TBE Gel, 1,0 mm, 12-well	10 pieces in a box
TB 41215	4 - 12 % TBE Gel, 1,0 mm, 15-well	10 pieces in a box
	IDEAL PERFORMANCE BETWEEN	20 - 3000 bp
TB 42010	4 - 20 % TBE Gel, 1,0 mm, 10-well	10 pieces in a box
TB 42012	4 - 20 % TBE Gel, 1,0 mm, 12-well	10 pieces in a box
TB 42015	4 - 20 % TBE Gel, 1,0 mm, 15-well	10 pieces in a box



NUCGEL-S TBE-UREA GELS FOR THE ELECTROPHORESIS OF SINGLE-STRANDED DNA OR RNA

	IDEAL PERFORMANCE BETWEEN	40 - 750 bases
TU 06110	6 % TBU Gel, 1,0 mm, 10-well	10 pieces in a box
TU 06112	6 % TBU Gel, 1,0 mm, 12-well	10 pieces in a box
TU 06115	6 % TBU Gel, 1,0 mm, 15-well	10 pieces in a box
	IDEAL PERFORMANCE BETWEEN	20 - 500 bases
TU 10110	10 % TBU Gel, 1,0 mm, 10-well	10 pieces in a box
TU 10112	10 % TBU Gel, 1,0 mm, 12-well	10 pieces in a box
TU 10115	10 % TBU Gel, 1,0 mm, 15-well	10 pieces in a box
	IDEAL PERFORMANCE BETWEEN	20 - 300 bases
TU 15110	15 % TBU Gel, 1,0 mm, 10-well	10 pieces in a box
TU 15112	15 % TBU Gel, 1,0 mm, 12-well	10 pieces in a box
TU 15115	15 % TBU Gel, 1,0 mm, 15-well	10 pieces in a box



EMPTY CASSETTES AND COMBS

AN 90100	Empty Cassettes	10 x 10cm	1,0 mm, 25 pieces	1 Pack
AN 90105	Empty Cassettes	10 x 10cm	1,5 mm, 25 pieces	1 Pack
AN 91110	Combs	10 well	1,0 mm, 25 pieces	1 Pack
AN 91112	Combs	12 well	1,0 mm, 25 pieces	1 Pack
AN 91115	Combs	15 well	1,0 mm, 25 pieces	1 Pack

Buffer Concentrates for Electrophoresis - Tris-Glycine - Applications

TG 05001	Tris-Glycine-SDS	Running Buffer (10 x Concentrate)	500 ml
TG 10001	Tris-Glycine-SDS	Running Buffer (10 x Concentrate)	1000 ml
TG 50001	Tris-Glycine-SDS	Running Buffer (10 x Concentrate)	5000 ml
TG 02002	Tris-Glycine-SDS	Sample Buffer (2 x Concentrate)	20 ml
TG 05002	Tris-Glycine-SDS	Sample Buffer (2 x Concentrate)	50 ml
TG 05003	Tris-Glycine-Native	Running Buffer (10 x Concentrate)	500 ml
TG 10003	Tris-Glycine-Native	Running Buffer (10 x Concentrate)	1000 ml
TG 02004	Tris-Glycine-Native	Sample Buffer (2 x Concentrate)	20 ml
TG 05004	Tris-Glycine-Native	Sample Buffer (2 x Concentrate)	50 ml
TG 05005	Transferbuffer for ProGel/ProGel-P	(25 x Concentrate)	500 ml
TG 10005	Transferbuffer for ProGel/ProGel-P	(25 x Concentrate)	1000 ml

TRIS-TRICINE - APPLICATIONS

TR 05006	Tris-Tricine-SDS	Running Buffer (10 x Concentrate)	500 ml
TR 10006	Tris-Tricine-SDS	Running Buffer (10 x Concentrate)	1000 ml
TR 50006	Tris-Tricine-SDS	Running Buffer (10 x Concentrate)	5000 ml
TR 02007	Tris-Tricine-SDS	Sample Buffer (2 x Concentrate)	20 ml
TR 05007	Tris-Tricine-SDS	Sample Buffer (2 x Concentrate)	50 ml
TG 05005	Transfer buffer for ProGel/ProGel-P	(25 x Concentrate)	500 ml
TG 10005	Transfer buffer for ProGel/ProGel-P	(25 x Concentrate)	1000 ml

TRIS-BORATE-EDTA (TBE) - BUFFERSYSTEM FOR NUCLEIC - ACID ELECTROPHORESIS

TB 10060	TBE Running buffer	(5x Concentrate)	1000 ml
TB 50060	TBE Running buffer	(5 x Concentrate)	5000 ml
TB 01070	TBE Sample buffer	(6 x Concentrate)	10 ml
TB 05070	TBE Sample buffer	(6 x Concentrate)	50 ml
TB 01075	TBE Sample buffer	(5 x Concentrate) - extra heavy	10 ml
TU 01080	TBE-Urea Sample Buffer	(2 x Concentrate)	10 ml
TU 02085	TBE-Urea, prep. Sample Buffer	(2 x Concentrate)	20 ml

MARKER AND STANDARDS

MS 10001	ProteMix Proteinstandard	with 12 Components (220 - 2,5 kDa)	1 ml
MS 10005	Blue-Prestained Proteinmarker	with 8 Components (175 - 6,5 kDa)	1 ml

GEL - STAINING AND DESTAINING

GF 10002	AzurGel-K, Colloidal Coomassie Kit		1 Pack
	contents of 2 solutions and an instruction sheet, sufficient for 25 anamed-minigels		
GF 10003	AzurGel-Super, ready-to-use staining solution		1000 ml
	sufficient for approx. 50 anamed-minigels		
GF 10010	ArgentQuick, Silverstaining Kit for detection of traces		1 Pack
	5 solutions, ea. 125 ml, and an instruction sheet, sufficient for 25 anamed-minigels		

GEL-DRYING

AN 10100	AnaFix - Geldrying-Kit I	for 10 x 10 cm Gels	1 Pack
	(2 Drying-frames, 200 Cellophane-sheets and 500 ml AnaRapid)		
AN 10200	AnaFix - Geldrying-Kit II	for 20 x 20 cm Gels	1 Pack
	(1 Drying-frame, 100 Cellophane sheets and 500 ml AnaRapid)		
AN 10110	AnaFix - Drying-frame I	for one piece of a 10 x 10 cm Gel	1 Pack
	(1 Pack. = 2 frames)		
AN 10210	AnaFix - Drying-frame II		
	for a 20 x 20 cm Gel or 4 anamed-gels		
AN 10120	Cellophane-sheets I - precut	for 10 x 10 cm gels	1 Pack
	(1 Pack = 200 pieces)		
AN 10220	Cellophane-sheets II - precut	for 20 x 20 cm gels	1 Pack
	(1 Pack = 100 pieces)		
AR 10050	AnaRapid - Geldrying-solution		500 ml
AR 10100	AnaRapid - Geldrying-solution		1000 ml
AR 10500	AnaRapid - Geldrying-solution		5000 ml