

PRECAST GEL agarGEL / e-Pagel / c-Pagel

ATTO Precast Gel

■ ATTO Precast Gel Lineup



PAGEL
c-Pagel, e-Pagel

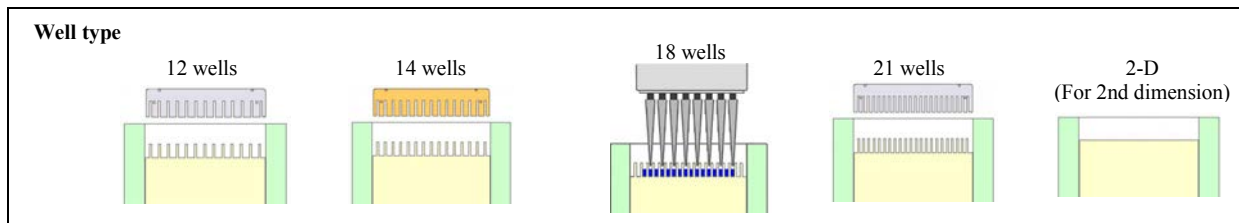


AgarGEL

ATTO Precast Gel line-up includes polyacrylamide gel series - “c-Pagel” (compact size 60x60mm), “e-Pagel” (mini-slab size 90x83mm), “Pagel” (mini-slab size 90x78mm), and “agarGEL” (agarose disc gel).

The line-up also includes varieties of gel concentration and number of preformed wells.

Gel size	c-Pagel		e-Pagel			Pagel	Gel concentration (%)
	ATTO compact size		ATTO Mini-slab size			ATTO Mini-slab size	
Type (Code No.)	12 wells Up 8 micro L/well	2-D No well	14 wells Up to 24 micro L/well	18 wells Up to 15 micro L/well	2-D No well	12 wells Up to 28 micro L/well	
	-	-	-	-	-	NPU-5L (2331192)	5
	C7.5L (2331610)	CD7.5L (2331680)	E-T7.5L (2331800)	E-R7.5L (2331700)	E-D7.5L (2331940)	NPU-7.5L (2331153)	7.5
	C10L (2331620)	CD10L (2331650)	E-T10L (2331810)	E-R10L (2331710)	E-D10L (2331910)	NPU-10L (2331145)	10
	C12.5L (2331630)	CD12.5L (2331660)	E-T12.5L (2331820)	E-R12.5L (2331720)	E-D12.5L (2331920)	NPU-12.5L (2331146)	12.5
	C15L (2331640)	-	E-T15L (2331850)	E-R15L (2331750)	-	NPU-15L (2331148)	15
	-	-	-	-	-	NPG-310L (2331194)	3 to 10
	C520L (2331600)	CD520L (2331670)	E-T520L (2331830)	E-R520L (2331730)	E-D520L (2331930)	NPG-520L (2331150)	5 to 20
	-	-	-	-	-	SPG-520L (2331120)	5 to 20
	-	-	E-T1020L (2331840)	E-R1020L (2331740)	-	NPG-1020L (23331122)	10 to 20



agarGel

1st Dimensional (IEF) Precast Gel



A-C agarGEL



A-M agarGEL

ATTO Compact slab size

Code No.	Type	Name
2332100	A-C310	agarGEL (pH3-10, ϕ 2.5 mm x 50 mm/pkg)
2332110	A-C38	agarGEL (pH3-8, ϕ 2.5 mm x 50 mm/pkg)
2332120	A-C58	agarGEL (pH5-8, ϕ 2.5 mm x 50 mm/pkg)
2332130	A-C510	agarGEL (pH5-10, ϕ 2.5 mm x 50 mm/pkg)

ATTO Mini slab size

Code No.	Type	Name
2332200	A-M310	agarGEL (pH3-10, ϕ 2.5 mm x 75 mm/pkg)
2332210	A-M38	agarGEL (pH3-8, ϕ 2.5 mm x 75 mm/pkg)
2332220	A-M58	agarGEL (pH5-8, ϕ 2.5 mm x 75 mm/pkg)
2332230	A-M510	agarGEL (pH5-10, ϕ 2.5 mm x 75 mm/pkg)

Purpose of Use

One-dimension precast gels for isoelectric focusing (IEF) and protein 2-dimensional electrophoresis. Individual proteins are separated by isoelectric point (pI).

Features

- Swelling treatment and preparation are unnecessary. Gels can immediately be electrophoresed.
- Large volume samples can be added, so detection with CBB staining is possible
- Samples with a large molecular weight (100-250 kDa) can be separated
- Gel can be easily removed from the column after electrophoresis
- High-voltage power source is unnecessary. OK with constant voltage 300V, 150-210 min.
- Approximate separation pattern can be confirmed during fixation of the gel after electrophoresis
- Two-dimensional electrophoresis is possible until after one month by at -20°C storage

agarGEL

1st Dimensional (IEF) Precast Gel

Maximum loading volume : 150 μ g (A-C type), 300 μ g (A-CM type)
 Maximum MW of loading sample : 250 kDa



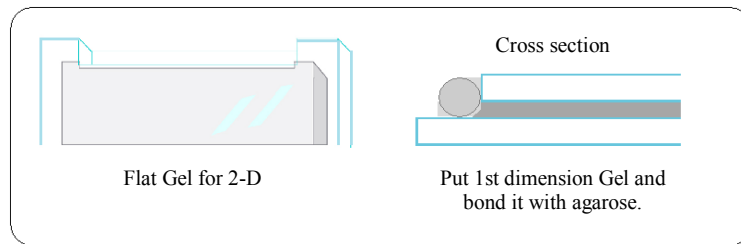
A gel slides out of the column



The gel after fixation

Specifications

Type/name	A-C310/38/58/510 agarGEL	A-M310/38/58/510 agarGEL
Column size	Size: ϕ 7 mm x 75 mm Material: glass	Size: ϕ 7 mm x 100 mm Material: glass
Gel size	ϕ 2.5 mm x 50 mm	ϕ 2.5 mm x 75 mm
Composition	Agarose, ampholyte, urea, etc.	
pH range	A-C310: 3 to 10 A-C38: 3 to 8 A-C510: 5 to 10 A-C58: 5 to 8	A-M310: 3 to 10 A-M38: 3 to 8 A-M510: 5 to 10 A-M58: 5 to 8
Sample volume	Recommended Maximum volume: 150 μ g	Recommended Maximum volume: 300 μ g
Package	10 rod gels/pkg	
Storage	Store at 5 to 10°C for 5 months	



Related Products



AE-6541



AE-6540

c-Pagel®

Compact Size Precast Gels for Polyacrylamide



C***type c-PAGEL



CD***type c-PAGEL

For Compact slab size-12 wells

Code No.	Type	Name
2331600	C520L	c-Pagel® 5 to 20% 12 wells, 10/pkg
2331610	C7.5L	c-Pagel® 7.5% 12 wells, 10/pkg
2331620	C10L	c-Pagel® 10% 12 wells, 10/pkg
2331630	C12.5L	c-Pagel® 12.5% 12 wells, 10/pkg
2331640	C15L	c-Pagel® 15% 12 wells, 10/pkg

For Compact slab-2D

Code No.	Type	Name
2331670	CD520L	c-Pagel® 5 to 20% 2-D (No well), 10/pkg
2331680	CD7.5L	c-Pagel® 7.5% 2-D (No well), 10/pkg
2331650	CD10L	c-Pagel® 10% 2-D (No well), 10/pkg
2331660	CD12.5L	c-Pagel® 12.5% 2-D (No well), 10/pkg

Features

- Optimal for ATTO Compact size electrophoresis systems
- Consistent quality, good reproducibility
- Long-term preservation possible
- Glass plates with good temperature control efficiency
- Loading and cutting of gels is easy

Specifications

Type-name	C7.5/10/12.5/15/520L c-Pagel®	CD7.5/10/12.5/520L c-Pagel®																																
Plate	Size: 76 mm (W) x 70 mm (H) Material: Glass																																	
Gel size	60 mm (W) x 60 mm (H), 0.75 mm in thickness																																	
Composition	Polyacrylamide for Tris-HCl buffer system																																	
Gel concentration Molecular weight	<table border="1"> <thead> <tr> <th>Type</th> <th>Gel concentration</th> <th>Material weight</th> </tr> <tr> <th>(12 wells)</th> <th>(2-D)</th> <th>Protein</th> <th>DNA(bp)</th> </tr> </thead> <tbody> <tr> <td>C7.5L</td> <td>CD7.5L</td> <td>7.5%</td> <td>35,000~400,000</td> <td>250~3000</td> </tr> <tr> <td>C10L</td> <td>CD10L</td> <td>10%</td> <td>25,000~300,000</td> <td>150~2000</td> </tr> <tr> <td>C12.5L</td> <td>CD12.5L</td> <td>12.5%</td> <td>10,000~250,000</td> <td>70~1800</td> </tr> <tr> <td>C15L</td> <td>-</td> <td>15%</td> <td>5,000~200,000</td> <td>50~1500</td> </tr> <tr> <td>C520L</td> <td>CD520L</td> <td>5~20%</td> <td>5,000~400,000</td> <td>50~3000</td> </tr> </tbody> </table>	Type	Gel concentration	Material weight	(12 wells)	(2-D)	Protein	DNA(bp)	C7.5L	CD7.5L	7.5%	35,000~400,000	250~3000	C10L	CD10L	10%	25,000~300,000	150~2000	C12.5L	CD12.5L	12.5%	10,000~250,000	70~1800	C15L	-	15%	5,000~200,000	50~1500	C520L	CD520L	5~20%	5,000~400,000	50~3000	
	Type	Gel concentration	Material weight																															
	(12 wells)	(2-D)	Protein	DNA(bp)																														
	C7.5L	CD7.5L	7.5%	35,000~400,000	250~3000																													
	C10L	CD10L	10%	25,000~300,000	150~2000																													
	C12.5L	CD12.5L	12.5%	10,000~250,000	70~1800																													
C15L	-	15%	5,000~200,000	50~1500																														
C520L	CD520L	5~20%	5,000~400,000	50~3000																														
Sample comb (Standard)	12wells (width 2.9 mm) Max. apply volume 8 μL/well 	No well 																																
Package	10 gels/pkg																																	
Storage	Store at 5 to 10°C for 6 months																																	

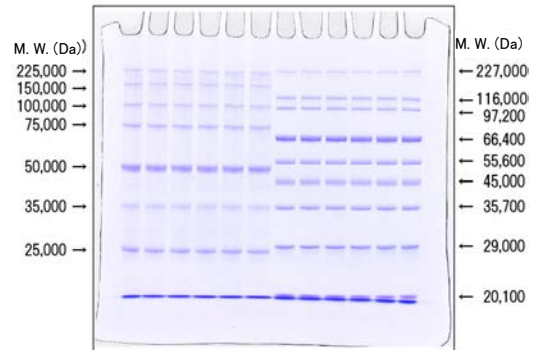
c-Pagel[®]

Compact Size Precast Gels for Polyacrylamide

Pattern Data

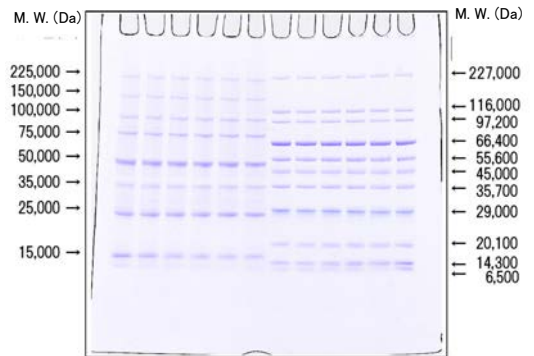
C10L c-Pagel SDS-PAGE

Gel concentration	C10L 10%
Sample	Protein Molecular Weight Marker
Buffer	25 mM tris, 192 mM glycine, 0.1% SDS
Staining	CBB (Coomassie brilliant blue)



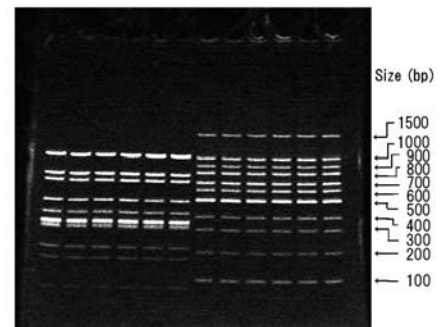
C520L c-Pagel SDS-PAGE

Gel concentration	C520L 5 to 20%
Sample	Protein Molecular Weight Marker
Buffer	25 mM tris, 192 mM glycine, 0.1% SDS
Staining	CBB (Coomassie brilliant blue)



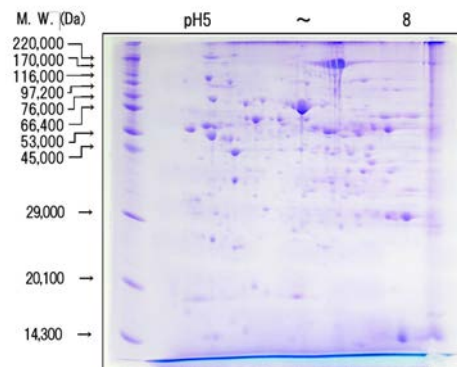
C7.5L c-Pagel DNA

Gel concentration	C7.5L 7.5%
Sample	DNA size marker
Buffer	25 mM tris, 192 mM glycine, 0.1% SDS
Staining	EtBr



CD12.5L c-Pagel 2-D

Gel concentration	CD12.5 L 12.5%
Sample	Rat liver extract
Buffer	25 mM tris, 192 mM glycine, 0.1% SDS
Staining	CBB (Coomassie brilliant blue)



*Patterns are similar to “e-pagel” and “pagel.”

e-Pagel[®]

Mini Size Precast Gels for Polyacrylamide



E-T type e-Pagel



E-D type e-Pagel

For Mini slab-14wells

Code No.	Type	Name
2331830	E-T520L	e-Pagel [®] 5 to 20% 14 wells, 10/pkg
2331840	E-T1020L	e-Pagel [®] 10 to 20% 14 wells, 10/pkg
2331800	E-T7.5L	e-Pagel [®] 7.5% 14 wells, 10/pkg
2331810	E-T10L	e-Pagel [®] 10% 14 wells, 10/pkg
2331820	E-T12.5L	e-Pagel [®] 12.5% 14 wells, 10/pkg
2331850	E-T15L	e-Pagel [®] 15% 14 wells, 10/pkg

For Mini slab-18wells

Code No.	Type	Name
2331730	E-R520L	e-Pagel [®] 5 to 20% 18 wells, 10/pkg
2331740	E-R1020L	e-Pagel [®] 10 to 20% 18 wells, 10/pkg
2331700	E-R7.5L	e-Pagel [®] 7.5% 18 wells, 10/pkg
2331710	E-R10L	e-Pagel [®] 10% 18 wells, 10/pkg
2331720	E-R12.5L	e-Pagel [®] 12.5% 18 wells, 10/pkg
2331750	E-R15L	e-Pagel [®] 15% 18 wells, 10/pkg

Features

- Reasonable price
- Consistent quality, good reproducibility
- Long-term preservation possible
- Glass plates with good temperature control efficiency
- Loading and cutting of gels is easy

For Mini slab-2D

Code No.	Type	Name
2331930	E-D520L	e-Pagel [®] 5 to 20% 2-D (No well), 10/pkg
2331940	E-D7.5L	e-Pagel [®] 10 to 20% 2-D (No well), 10/pkg
2331910	E-D10L	e-Pagel [®] 10% 2-D (No well), 10/pkg
2331920	E-D12.5L	e-Pagel [®] 12.5% 2-D (No well), 10/pkg

Specifications

Type-name	E-T7.5/10/12.5/15/1020/520L e-Pagel [®]	E-R7.5/10/12.5/15/1020/520L e-Pagel [®]	E-D7.5/10/12.5/520L e-Pagel [®]
Plate	Size: 120 mm (W) x 100 mm (H) Material: Glass		
Gel size	90 mm (W) x 83 mm (H), 1 mm in thickness		
Composition	Polyacrylamide for Tris-HCl buffer system		
Gel concentration Molecular weight	Type	Gel concentration	Material weight Protein (DA) DNA (bp)
	E-T/R/D7.5L	7.5%	35,000~400,000 250~3000
	E-T/R/D10L	10%	25,000~300,000 150~2000
	E-T/R/D12.5L	12.5%	10,000~250,000 70~1800
	E-T/R15L	15%	7,000~200,000 50~1500
	E-T/R/D520L	5~20%	5,000~400,000 50~3000
	E-T/R1020L	10~20%	5,000~300,000 50~1800
Sample comb (Standard)	14wells (width 4.2 mm) Max. apply volume 24 μL/well		18wells (width 2.9 mm) Max. apply volume 15 μL/well
			No well
Package	10 gels/pkg		
Storage	Store refrigerated at 5 to 10°C for 6 months		

Mini Size Precast Gels for Polyacrylamide

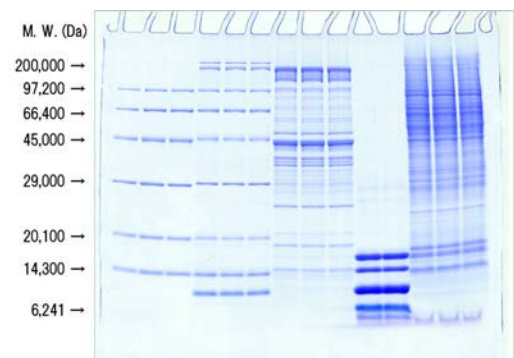
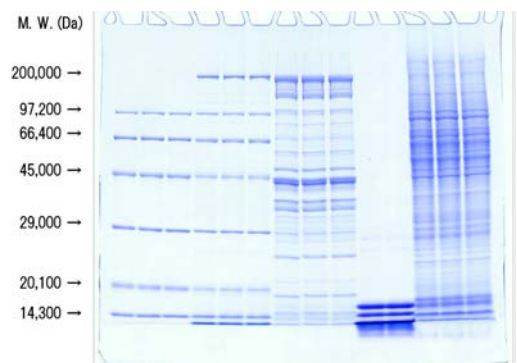
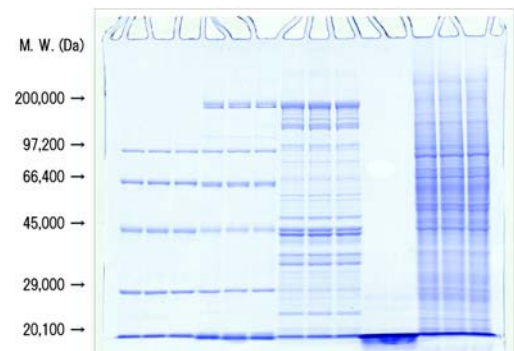
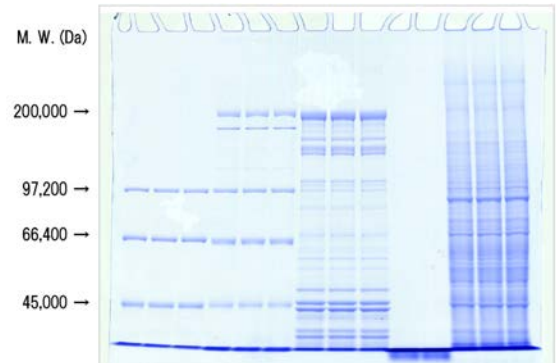
Pattern Data

E-T7.5L	e-Pagel	SDS-PAGE
Gel concentration	E-T7.5L 7.5%	
Sample	AE-1440 <i>EzStandard</i> Marker, etc.	
Buffer	AE-1410 <i>EzRun</i> 25 mM tris, 192 mM glycine, 0.1% SDS	
Staining	AE-1340 <i>EzStain Aqua</i> CBB (Coomassie brilliant blue)	

E-T10L	e-Pagel	SDS-PAGE
Gel concentration	E-T10L 10%	
Sample	AE-1440 <i>EzStandard</i> Marker, etc.	
Buffer	AE-1410 <i>EzRun</i> 25 mM tris, 192 mM glycine, 0.1% SDS	
Staining	AE-1340 <i>EzStain Aqua</i> CBB (Coomassie brilliant blue)	

E-T12.5L	e-Pagel	SDS-PAGE
Gel concentration	E-T12.5L 12.5%	
Sample	AE-1440 <i>EzStandard</i> Marker, etc.	
Buffer	AE-1410 <i>EzRun</i> 25 mM tris, 192 mM glycine, 0.1% SDS	
Staining	AE-1340 <i>EzStain Aqua</i> CBB (Coomassie brilliant blue)	

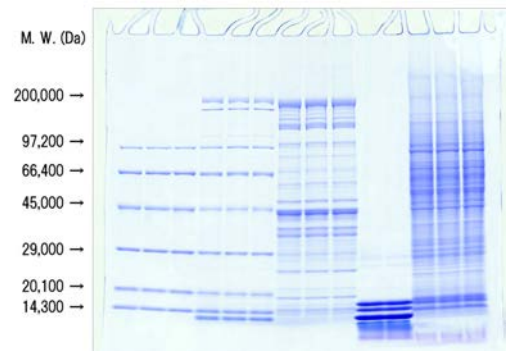
E-T15L	e-Pagel	SDS-PAGE
Gel concentration	E-T15L 15%	
Sample	AE-1440 <i>EzStandard</i> Marker, etc.	
Buffer	AE-1410 <i>EzRun</i> 25 mM tris, 192 mM glycine, 0.1% SDS	
Staining	AE-1340 <i>EzStain Aqua</i> CBB (Coomassie brilliant blue)	



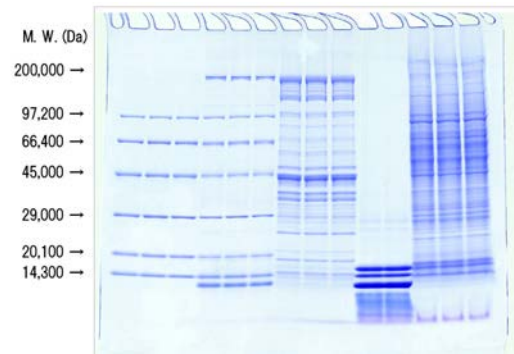
Mini Size Precast Gels for Polyacrylamide

Pattern Data

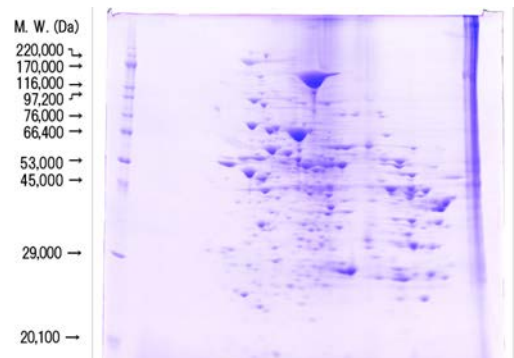
E-T520L	e-Pagel	SDS-PAGE
Gel concentration	E-T520L 5 to 20%	
Sample	AE-1440 <i>EzStandard</i> Marker, etc.	
Buffer	AE-1410 <i>EzRun</i> 25 mM tris, 192 mM glycine, 0.1% SDS	
Staining	AE-1340 <i>EzStain Aqua</i> CBB (Coomassie brilliant blue)	



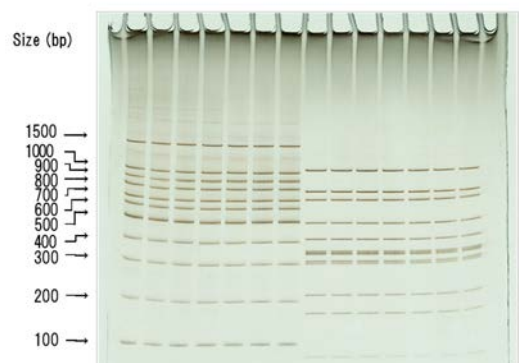
E-T1020L	e-Pagel	SDS-PAGE
Gel concentration	E-T1020L 10 to 20%	
Sample	AE-1440 <i>EzStandard</i> Marker, etc.	
Buffer	AE-1410 <i>EzRun</i> 25 mM tris, 192 mM glycine, 0.1% SDS	
Staining	AE-1340 <i>EzStain Aqua</i> CBB (Coomassie brilliant blue)	



E-D520L	e-Pagel	2-D
Gel concentration	E-D520L 5 to 20%	
Sample	AE-1440 <i>EzStandard</i> Marker, etc.	
Buffer	AE-1410 <i>EzRun</i> 25 mM tris, 192 mM glycine, 0.1% SDS	
Staining	CBB (Coomassie brilliant blue)	



E-T15L	e-Pagel	DNA, Silver Staining
Gel concentration	E-T12.5L 12.5%	
Sample	DNA Size Marker, etc.	
Buffer	25 mM tris, 192 mM glycine, 0.1% SDS	
Staining	AE-1360 <i>EzStain Silver</i> (Silver staining)	



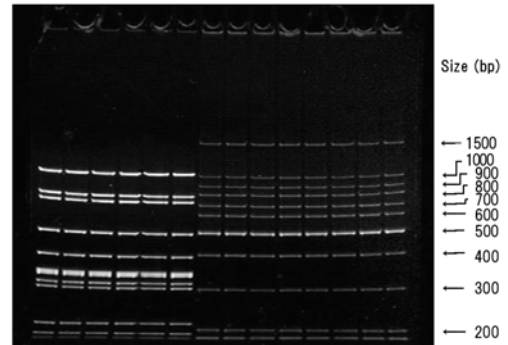
e-Pagel[®]

Mini Size Precast Gels for Polyacrylamide

Pattern Data

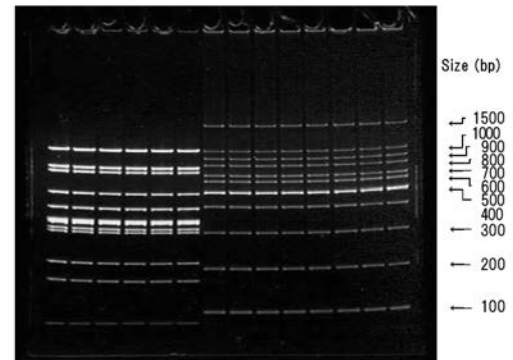
E-T7.5L e-Pagel DNA

Gel concentration	E-T7.5L 7.5%
Sample	DNA Size Maker
Buffer	25 mM tris, 192 mM glycine
Staining	EtBr

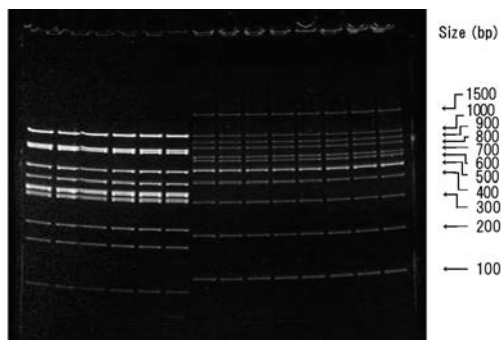


E-T10L e-Pagel DNA

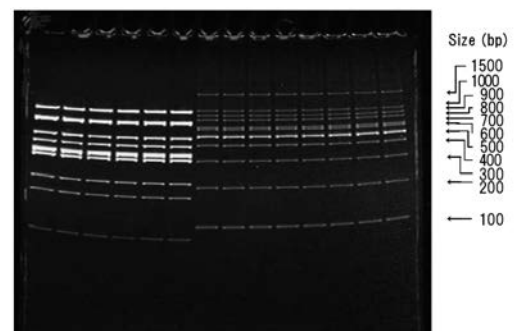
Gel concentration	E-T10L 10%
Sample	DNA Size Maker
Buffer	25 mM tris, 192 mM glycine
Staining	EtBr



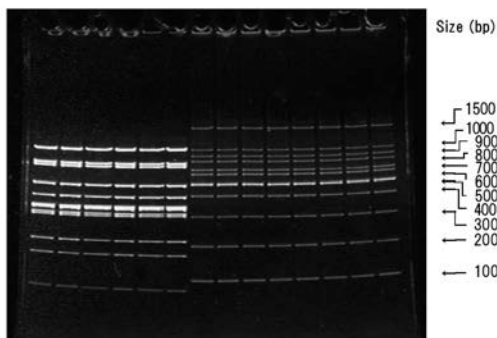
E-T12.5L e-Pagel DNA



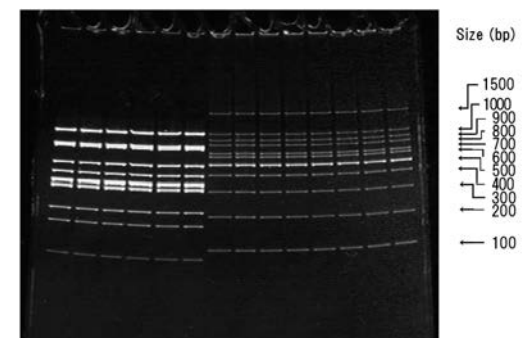
E-T15L e-Pagel DNA



E-T520L e-Pagel DNA



E-T1020L e-Pagel DNA



Mini Size Precast Gels for Polyacrylamide



PAGEL

For mini-slab size -12 wells

Code No.	Type	Name	
2331192	NPU-5L	Pagel® 5%	12 wells, 10/pkg
2331153	NPU-7.5L	Pagel® 7.5%	12 wells, 10/pkg
2331145	NPU-10L	Pagel® 10%	12 wells, 10/pkg
2331146	NPU-12.5L	Pagel® 12.5%	12 wells, 10/pkg
2331148	NPU-15L	Pagel® 15%	12 wells, 10/pkg
2331194	NPG-310L	Pagel® 3 to 10%	12 wells, 10/pkg
2331150	NPG-520L	Pagel® 5 to 20%	12 wells, 10/pkg
2331120	SPG-520L	Pagel® 5 to 20%	12 wells, 10/pkg
2331122	NPG-1020L	Pagel® 10 to 20%	12 wells, 10/pkg

Specifications

Type-name	NPU-5/7.5/10/12.5/15L NPG-310/520/1020L SPG-520L Pagel®				
Plate	Size: 120 mm (W) x 100 mm (H) Material: Glass				
Gel size	90 mm (W) x 78 mm (H), 1 mm in thickness				
Composition	Polyacrylamide for Tris-HCl buffer system				
Gel concentration Molecular weight	Type	Gel concentration	Material weight		
			Protein (Da)	DNA(bp)	
	NPU-5L	5%	50,000~800,000	250~5000	
	NPU-7.5L	7.5%	35,000~400,000	100~2000	
	NPU-10L	10%	20,000~300,000	50~800	
	NPU-12.5L	12.5%	10,000~250,000	30~400	
	NPU-15L	15%	7,000~200,000	20~300	
	SPG-520L	15%	2,500~150,000	-	
	NPG-310L	3~10%	20,000~700,000	200~5000	
	NPG-520L	5~20%	7,000~400,000	50~1000	
NPG-1020L	10~20%	7,000~200,000	20~500		