



EzWay™ PAG System

EzWay™ PAG System is a precast SDS-PAGE gel for protein analysis. This gel system has a neutral pH of 7.2, so it can maintain the stability of polyacrylamide for a year. Also, it keeps the protein samples from modification such as alkylation, deamidation, oxidation that can happen during electrophoresis, so those proteins remain intact and unmodified and it increases yields and signals. Two acrylamide concentrations (10% and 4-12%) are available. EzWay™ PAG gel system must be used with Tris-Glycine, Tricine or Aspartate SDS buffer systems. Six separation ranges can be obtained by combining gels with these three buffer systems (see below).

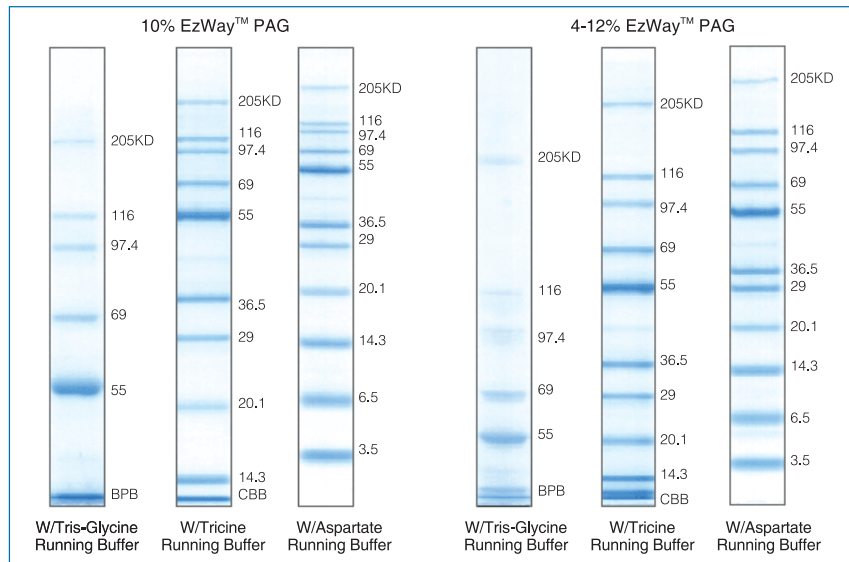
■ Features

- Pre-Cast SDS-PAGE system for protein analysis
- One year shelf life
- Minimized protein modification by the neutral pH
- Excellent resolution for small to large size proteins
- Fast run time
- Wide separation ranges just by changing buffers
 - Tris-Glycine (large-size proteins)
 - Tricine (mid-size proteins)
 - Aspartate (small-size proteins)

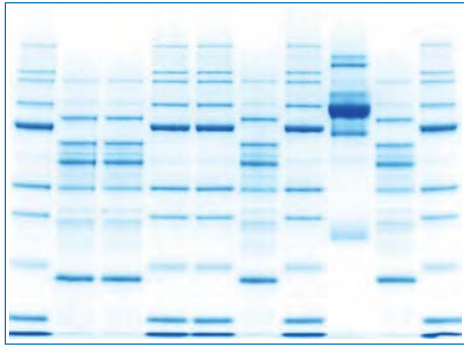
■ Specifications

- Gel Matrix : Acrylamide / Bis-Acrylamide
- Acrylamide Concentration : 10%, 4-12%
- Gel Buffer : Tris-HCl, pH 7.2
- Gel Size : 8 x 8 cm
- Gel Thickness : 1.0 mm, 1.5 mm
- Cassette Size : 10 x 10 cm
- Well formats : 1, 8, 10, 12, 15, 2D Well

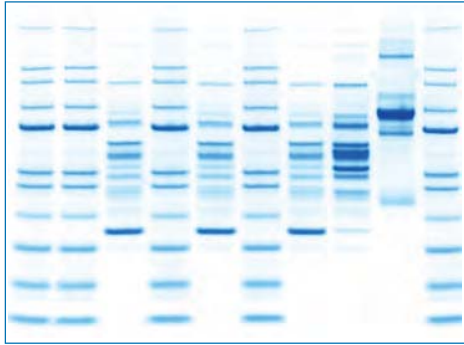
■ Separation Range



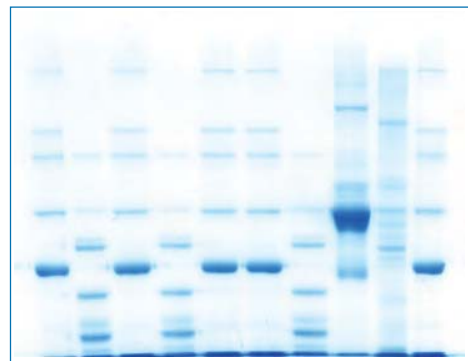
Gel Type	Buffer System	Separation Range
10% EzWay™ PAG	Tris-Glycine Buffer System	55-205KDa
	Tricine Buffer System	20.1-69KDa
	Aspartate Buffer System	3.5-69KDa
4-12% EzWay™ PAG	Tris-Glycine Buffer System	55-205KDa
	Tricine Buffer System	20.1-205KDa
	Aspartate Buffer System	3.5-205KDa

Figure 1. 10% EzWay™ PAG Gel run with Tricine Buffer System

Lanes 1,4,5,7,10: EzWay™ Protein-Blue MW Marker
Lanes 2,3,6,9: Bovine tissue water soluble protein
Lane 8: Goat serum

Figure 2. 4-12% EzWay™ PAG Gel run with Aspartate Buffer System

Lanes 1,2,4,6,10: EzWay™ Protein-Blue MW Marker
Lanes 3,5,7: Bovine tissue water soluble protein
Lane 8: Porcine tissue water soluble protein
Lane 9: Goat serum

Figure 3. 10% EzWay™ PAG Gel run with Tris-Glycine Buffer System

Lanes 1,3,5,6,10: EzWay™ Protein-Blue MW Marker
Lanes 2,4,7: Bovine tissue water soluble protein
Lane 8: Goat serum
Lane 9: Porcine tissue water soluble protein

Ordering Information**▶ 10% EzWay Gel**

Cat.No.	Description	Size
KG1001	10% EzWay™ PAG Pre-cast Gel, 1.0mm 1well	10/pk
KG1008	10% EzWay™ PAG Pre-cast Gel, 1.0mm 8well	10/pk
KG1010	10% EzWay™ PAG Pre-cast Gel, 1.0mm 10well	10/pk
KG1012	10% EzWay™ PAG Pre-cast Gel, 1.0mm 12well	10/pk
KG1015	10% EzWay™ PAG Pre-cast Gel, 1.0mm 15well	10/pk
KG102D	10% EzWay™ PAG Pre-cast Gel, 1.0mm 2Dwell	10/pk
KG10105	10% EzWay™ PAG Pre-cast Gel, 1.5mm 10well	10/pk
KG10155	10% EzWay™ PAG Pre-cast Gel, 1.5mm 15well	10/pk

▶ 4-12% EzWay Gel

Cat.No.	Description	Size
KG5001	4-12% EzWay™ PAG Pre-cast Gel, 1.0mm 1well	10/pk
KG5008	4-12% EzWay™ PAG Pre-cast Gel, 1.0mm 8well	10/pk
KG5010	4-12% EzWay™ PAG Pre-cast Gel, 1.0mm 10well	10/pk
KG5012	4-12% EzWay™ PAG Pre-cast Gel, 1.0mm 12well	10/pk
K51015	4-12% EzWay™ PAG Pre-cast Gel, 1.0mm 15well	10/pk
KG502D	4-12% EzWay™ PAG Pre-cast Gel, 1.0mm 2Dwell	10/pk
KG50105	4-12% EzWay™ PAG Pre-cast Gel, 1.5mm 10well	10/pk
KG50155	4-12% EzWay™ PAG Pre-cast Gel, 1.5mm 15well	10/pk

▶ Buffers

Cat.No.	Description	Size
KAS030	Aspartate Running Buffer (10X)	500 ml
KAS020	Aspartate Sample Buffer (2X)	20 ml
KAS020-5	Aspartate Sample Buffer (5X)	4 ml

Cat.No.	Description	Size
KTG030	Tris-Glycine SDS Running Buffer (10X)	500 ml
KTG020	Tris-Glycine SDS Sample Buffer (2X)	20 ml
KTG020-5	Tris-Glycine SDS Sample Buffer (5X)	4 ml

Cat.No.	Description	Size
KTR030	Tricine Running Buffer (10X)	500 ml
KTR020	Tricine Sample Buffer (2X)	20 ml
KTR020-5	Tricine Sample Buffer (5X)	4 ml