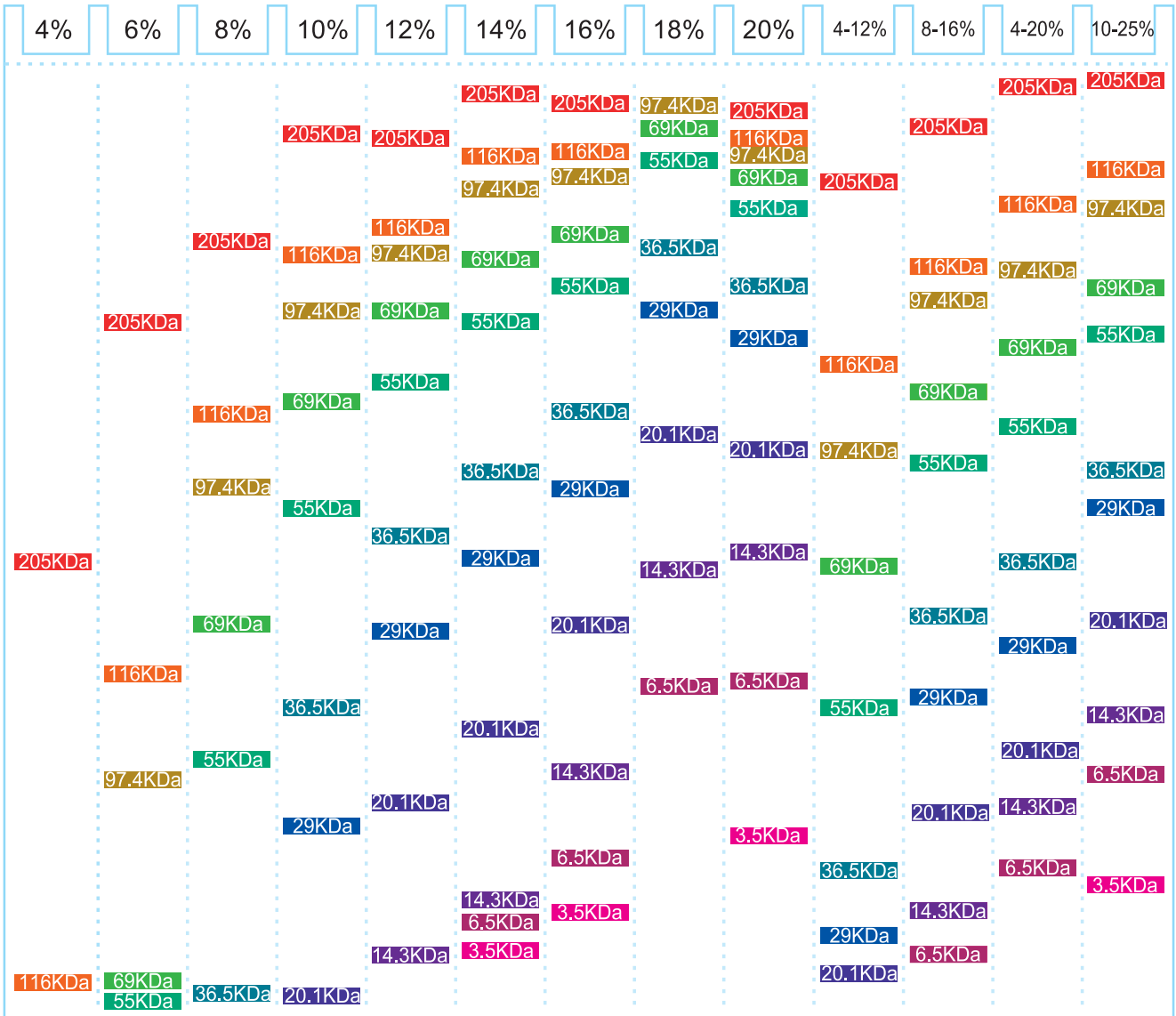


Pre-Cast Gel Migration Chart

Tris-Glycine-PAG

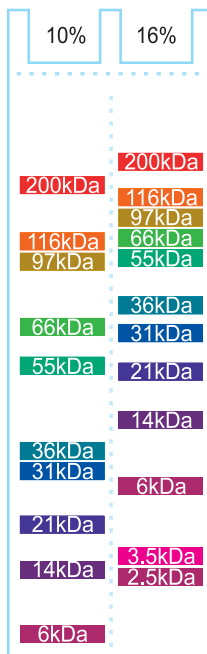




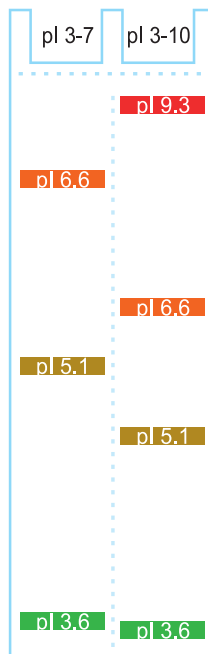
EzWay™ PAG



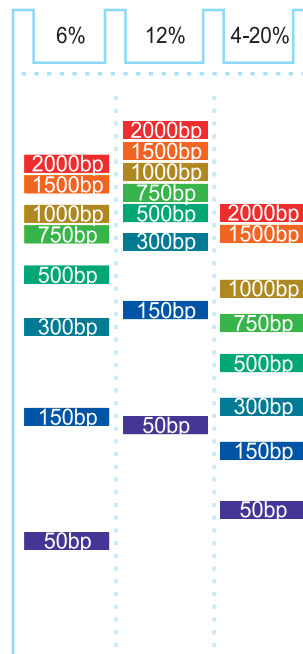
Tricine-PAG



IEF-PAG









TBE-PAG



Pre-Cast Gel Specification

- Gel Thickness 1.0mm or 1.5mm
- Gel Matrix Polyacrylamide
- Gel Size 8cm (H) x 8cm (W)
- Gel Cassette Size 10cm (H) x 10cm (W)
- Gel Storage 4°C
- Sample Well Volume

		Sample volume per well		Capacity per well	
		1.0 mm	1.5 mm	1.0 mm	1.5 mm
	1 well	400 μ l	-	630 μ l	-
	8 well	33 μ l	-	65 μ l	-
	10 well	25 μ l	38 μ l	50 μ l	75 μ l
	12 well	18 μ l	-	35 μ l	-
	15 well	10 μ l	15 μ l	20 μ l	30 μ l
	2D well	25-300 μ l	-	50-600 μ l	-

* Recommended load of sample for optimal resolution is 0.1~0.5 μ l per band.

Pre-cast Gel Selection Guide

Purpose	Gel Type	Shelf Life	Concentration	Separation Range	Page
Protein Analysis	EzWay™ PAG	12 months	10% Tris-Glycine 10% Tricine 10% Aspartate 4-12% Tris-Glycine 4-12% Tricine 4-12% Aspartate	55-205 kDa 20.1-69 kDa 3.5-69 kDa 55-205 kDa 20.1-205 kDa 3.5-205 kDa	pg.11
	Tris-Glycine-PAG	2 months 2 months 2 months 2 months 1 month 1 month 2 weeks 2 weeks 2 months 2 months 2 months 1 month	4% 6% 8% 10% 12% 14% 16% 18% 20% 4-12% 4-20% 8-16% 10-25%	150-350 kDa 60-250 kDa 40-180 kDa 30-130 kDa 23-100 kDa 18-80 kDa 14-60 kDa 11-50 kDa 8-40 kDa 35-300 kDa 5-300 kDa 10-250 kDa 5-200 kDa	pg.13
Peptide Analysis	Tricine-PAG	1 month 1 month	10% 16%	5-80 kDa 2.5-50 kDa	pg.17
Protease Analysis	Zymogram-PAG	1 month	10%	-	pg.20
Isoelectric Point	IEF-PAG	2 months 2 months	pH 3-10 pH 3-7	3.5-8.5 pI 3.5-7.0 pI	pg.18
	IPG DryStrip	6 months	pH 4-10NL, 4.5-6.5, 4-7, 6-8, 6-9	-	pg.19
dsDNA/PCR Analysis	TBE-PAG	6 months	6%	80-700 bp	pg.21
		6 months	12%	40-200 bp	
		6 months	4-20%	30-1000 bp	