

Acrylamide/Bis-acrylamide Solution, 40%, (37.5:1)

Acrylamide/Bis-acrylamide Solution, 40%, (29:1)

Cat. No.: BUF-5235-500ml
BUF-5236-500ml

Storage: Store dark in 4°C.

1.0 PREPARATION PROTOCOL OF SEPARATING GEL (volume unit: ml)

Acrylamide Concentration	Product Description	10ml	20ml	30ml	40ml
6%	4X Resolving Buffer, pH 8.8	2.5	5.0	7.5	10
	Acrylamide/Bis-acrylamide Solution, 40%	1.5	3.0	4.5	6.0
	10% (w/v) Ammonium Persulfate (APS)	0.1	0.2	0.3	0.4
	TEMED	0.008	0.016	0.024	0.032
	Water	5.9	11.8	17.7	23.6
8%	4X Resolving Buffer, pH 8.8	2.5	5.0	7.5	10
	Acrylamide/Bis-acrylamide Solution, 40%	2.0	4.0	6.0	8.0
	10% (w/v) Ammonium Persulfate (APS)	0.1	0.2	0.3	0.4
	TEMED	0.006	0.012	0.018	0.024
	Water	5.4	10.8	16.2	21.6
10%	4X Resolving Buffer, pH 8.8	2.5	5.0	7.5	10
	Acrylamide/Bis-acrylamide Solution, 40%	2.5	5.0	7.5	10
	10% (w/v) Ammonium Persulfate (APS)	0.1	0.2	0.3	0.4
	TEMED	0.006	0.012	0.018	0.024
	Water	4.9	9.8	14.7	19.6
12%	4X Resolving Buffer, pH 8.8	2.5	5.0	7.5	10
	Acrylamide/Bis-acrylamide Solution, 40%	3.0	6.0	9.0	12.0
	10% (w/v) Ammonium Persulfate (APS)	0.1	0.2	0.3	0.4
	TEMED	0.006	0.012	0.018	0.024
	Water	4.4	8.8	13.2	17.6

2.0 PREPARATION PROTOCOL OF STACKING GEL (volume unit: ml)

Acrylamide Concentration	Product Description	2ml	4ml	6ml	8ml
3%	4X Stacking Buffer, pH 6.8	0.5	1.0	1.5	2.0
	Acrylamide/Bis-acrylamide Solution, 40%	0.15	0.30	0.45	0.60
	10% (w/v) Ammonium Persulfate (APS)	0.02	0.04	0.06	0.08
	TEMED	0.002	0.004	0.006	0.008
	Water	1.33	2.66	3.99	5.32