

Acrylamide/Bis-acrylamide Solution, 30%, (37.5:1)

Acrylamide/Bis-acrylamide Solution, 30%, (29:1)

Cat. No.: BUF-5230-500ml

BUF-5231-500ml

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	10.0
	Acrylamide/Bis-acrylamide Solution, 30%	2.0	4.0	6.0	8.0
	10% (w/v) Ammonium Persulfate (APS)	0.1	0.2	0.3	0.4
	TEMED	0.008	0.016	0.024	0.032
	Water	5.4	10.8	16.2	21.6
8%	4X Resolving Buffer, pH 8.8	2.5	5.0	7.5	10.0
	Acrylamide/Bis-acrylamide Solution, 30%	2.7	5.3	8.0	10.7
	10% (w/v) Ammonium Persulfate (APS)	0.1	0.2	0.3	0.4
	TEMED	0.006	0.012	0.018	0.024
	Water	4.7	9.5	14.2	18.9
10%	4X Resolving Buffer, pH 8.8	2.5	5.0	7.5	10.0
	Acrylamide/Bis-acrylamide Solution, 30%	3.3	6.7	10.0	13.3
	10% (w/v) Ammonium Persulfate (APS)	0.1	0.2	0.3	0.4
	TEMED	0.006	0.012	0.018	0.024
	Water	4.1	8.1	12.2	16.3
12%	4X Resolving Buffer, pH 8.8	2.5	5.0	7.5	10.0
	Acrylamide/Bis-acrylamide Solution, 30%	4.0	8.0	12.0	16.0
	10% (w/v) Ammonium Persulfate (APS)	0.1	0.2	0.3	0.4
	TEMED	0.006	0.012	0.018	0.024
	Water	3.4	6.8	10.2	13.6

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, 30%	0.20	0.40	0.60	0.80
	10% (w/v) Ammonium Persulfate (APS)	0.02	0.04	0.06	0.08
	TEMED	0.002	0.004	0.006	0.008
	Water	1.28	2.56	3.84	5.12