

Solutions for Tris/glycine SDS-polyacrylamide gel electrophoresis

6%	5 ml	10 ml	15 ml	20 ml	25 ml	30 ml	40 ml	50 ml
H ₂ O	2.6	5.3	7.9	10.6	13.2	15.9	21.2	26.5
30% Acrylamide mix ^{a,e}	1.0	2.0	3.0	4.0	5.0	6.0	8.0	10.0
1.5 M Tris (pH 8.8)	1.3	2.5	3.8	5.0	6.3	7.5	10.0	12.5
10% SDS ^{b,e}	0.05	0.1	0.15	0.2	0.25	0.3	0.4	0.5
10% APS ^{c,e}	0.05	0.1	0.15	0.2	0.25	0.3	0.4	0.5
TEMED ^{d,e}	0.004	0.008	0.012	0.016	0.02	0.024	0.032	0.04
8%	5 ml	10 ml	15 ml	20 ml	25 ml	30 ml	40 ml	50 ml
H ₂ O	2.3	4.6	6.9	9.3	11.6	13.9	18.5	23.2
30% Acrylamide mix	1.3	2.7	4.0	5.3	6.7	8.0	10.7	13.3
1.5 M Tris (pH 8.8)	1.3	2.5	3.8	5.0	6.3	7.5	10.0	12.5
10% SDS	0.05	0.1	0.15	0.2	0.25	0.3	0.4	0.5
10% APS	0.05	0.1	0.15	0.2	0.25	0.3	0.4	0.5
TEMED	0.003	0.006	0.009	0.012	0.015	0.018	0.024	0.03
10%	5 ml	10 ml	15 ml	20 ml	25 ml	30 ml	40 ml	50 ml
H ₂ O	2.0	4.0	5.9	7.9	9.9	11.9	15.8	19.8
30% Acrylamide mix	1.7	3.3	5	6.7	8.3	10.0	13.3	16.7
1.5 M Tris (pH 8.8)	1.3	2.5	3.8	5.0	6.3	7.5	10.0	12.5
10% SDS	0.05	0.1	0.15	0.2	0.25	0.3	0.4	0.5
10% APS	0.05	0.1	0.15	0.2	0.25	0.3	0.4	0.5
TEMED	0.002	0.004	0.006	0.008	0.01	0.012	0.016	0.02
12%	5 ml	10 ml	15 ml	20 ml	25 ml	30 ml	40 ml	50 ml
H ₂ O	1.6	3.3	4.9	6.6	8.2	9.9	13.2	16.5
30% Acrylamide mix	2.0	4.0	6.0	8.0	10.0	12.0	16.0	20.0
1.5 M Tris (pH 8.8)	1.3	2.5	3.8	5.0	6.3	7.5	10.0	12.5
10% SDS	0.05	0.1	0.15	0.2	0.25	0.3	0.4	0.5
10% APS	0.05	0.1	0.15	0.2	0.25	0.3	0.4	0.5
TEMED	0.002	0.004	0.006	0.008	0.01	0.012	0.016	0.02
15%	5 ml	10 ml	15 ml	20 ml	25 ml	30 ml	40 ml	50 ml
H ₂ O	1.1	2.3	3.4	4.6	5.7	6.9	9.2	11.4
30% Acrylamide mix	2.5	5.0	7.5	10.0	12.5	15.0	20.0	25.0
1.5 M Tris (pH 8.8)	1.3	2.5	3.8	5.0	6.3	7.5	10.0	12.5
10% SDS	0.05	0.1	0.15	0.2	0.25	0.3	0.4	0.5
10% APS	0.05	0.1	0.15	0.2	0.25	0.3	0.4	0.5
TEMED	0.002	0.004	0.006	0.008	0.01	0.012	0.016	0.02
STACK	1 ml	2 ml	3 ml	4 ml	5 ml	6 ml	8 ml	10 ml
H ₂ O	0.68	1.4	2.1	2.7	3.4	4.1	5.5	6.8
30% Acrylamide mix	0.17	0.33	0.5	0.67	0.83	1.0	1.3	1.7
1.0 M Tris (pH 6.8)	0.13	0.25	0.38	0.5	0.63	0.75	1.0	1.25
10% SDS	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.1
10% APS	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.1
TEMED	0.001	0.002	0.003	0.004	0.005	0.006	0.008	0.01

^aCommonly 29.2% acrylamide and 0.8% *N,N'*-methylene-bisacrylamide; ^bsodium dodecyl sulfate; ^cammonium persulfate; ^d*N,N,N',N'*-tetramethylethylenediamine; ^e see Appendix IV for caution.