

Ezeeblue Gel Stainer

(No destaining required)

This is a ready-to-use brilliant blue G-250 based protein stain for 'one-step' detection of protein bands on polyacrylamide gels. The staining is done in 30 to 60 minutes with no destaining required. Fixing also is not required prior to staining.

Ezee blue stains only proteins with relatively clean background, so protein bands are seen during staining. An optional destaining with water can be done to improve the sensitivity.

Ordering Information:

Product	Size	Cat #
Ezeeblue Gel stainer	500 ml	105368

Recommended composition for solutions to prepare separating and stacking gel for Tris/Glycine SDS- PAGE.

Solutions for casting Separating gel

Gel Concentration	Composition in ml for 10 ml Running gel				
	6%	8%	10%	12%	15%
Deionized water	5.4	4.7	4.1	3.4	2.4
30% Acrylamide Mix*	2.0	2.7	3.3	4.0	5.0
1.5 M Tris, pH 8.8, 0.4% SDS	2.5	2.5	2.5	2.5	2.5
10% APS	0.1	0.1	0.1	0.1	0.1
TEMED	0.008	0.006	0.004	0.004	0.004

Solutions for casting Stacking gel

	Composition in ml for 5% Stacking gel	
	5 ml	10ml
Deionized water	3.45	6.9
30% Acrylamide Mix*	0.83	1.7
1.0 M Tris, pH 6.8, 0.8% SDS	0.63	1.25
10% APS	0.05	0.1
TEMED	0.005	0.01
Final Volume	5 ml	10ml

* Commonly used acrylamide solution has acrylamide and bis-acrylamide in 36.5:1 ratio for protein molecular weight > 30,000 Da, for low molecular weight proteins recommended acrylamide & bisacrylamide ratio is 29:1.