



Cyrusbioscience

Acrylamide Bis, 30% Liquid (19:1, 29:1, 37.5:1)

Cat. No. 2000

Description

- 19 : 1 (Acrylamide : Bis = 28.5% : 1.5%)
29 : 1 (Acrylamide : Bis = 29% : 1%)
37.5 : 1 (Acrylamide : Bis = 29.2% : 0.8%)
- Prepared from electrophoresis grade acrylamide in ultra-pure water.
- Solutions are prepared from electrophoresis grade reagents in ultra-pure water and aseptically filtered to insure the highest quality and reproducibility.
- Density: 1.005g/mL
Conductivity: <10μMHO at Room Temperature (30% solution)
- In Tri-Distilled Water, 0.45um Membrane Filtered.

Suggested Protocol

上層膠：

5% stacking gel	3 ml	4 ml	5 ml
H ₂ O	1.7 ml	2.25 ml	2.8 ml
30 % Acrylamide/Bis	0.5 ml	0.67 ml	0.83 ml
0.5 M Tris (pH 6.8)	0.75 ml	1.0 ml	1.25 ml
10% SDS	30 μl	40 μl	50 μl
10% APS	30 μl	40 μl	50 μl
TEMED	3 μl	4 μl	4 μl

下層膠：



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分離層(下膠)	16.50%	15%	12%	10%
Glass Plate	1 mm			
1.5 M Tris-HCl pH 8.8	1.25 ml	1.25 ml	1.25 ml	1.25 ml
ddH ₂ O (fresh)	0.95 ml	1.2 ml	1.7 ml	2.05ml
30% Acrylamide/Bis	2.75 ml	2.5 ml	2 ml	1.65 ml
10% SDS	50 µl	50 µl	50 µl	50 µl
10%AP	25 µl	25 µl	25 µl	25 µl
TEMED	2.5 µl	2.5 µl	2.5 µl	2.5 µl
Total	5 ml	5 ml	5 ml	5 ml

Storage

Store at 4°C

Caution:

Acrylamide is a potent neurotoxin and absorbed through the skin. The effects of acrylamide are cumulative. Although polyacrylamide is suspected to be nontoxic, it should be handled with great care because of the possibility that it might contain small quantities of unpolymerized acrylamide.