

T-Pro Separating or Resolving Buffer (4X)



Store at RT

(JB03-C001) 500 ml

This product is for laboratory research ONLY and not for diagnostic use.

Comp	<ul style="list-style-type: none"> ● Tris-HCl 1.5M ● SDS 0.4% ● pH 8.8
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Method For 100ml of gel solution (Cast GEL), add 25ml of Separating or Resolving buffer, and ddH₂O. Add initiators and CAST GEL : Add 500 µl of 10% ammonium persulfate for every 100ml of gel casting solution. Add 50 µl of TEMED for every 100ml of gel casting solution. Swirl gently to mix. Pour the solution into the gel casting cassette. The gel should begin to set in 30 minutes.

Storage T-Pro Separating or Resolving Buffer (4X) is stable for RT

40% Acrylamide: Bis-acrylamide (37.5:1 or 29:1) :

	<u>Stack gel</u>		<u>Resolving Gel</u>	
	<u>4%</u>	<u>7.5%</u>	<u>12%</u>	<u>X%</u>
40% Acrylamide/Bis	2.5ml	18.8ml	30ml	2.5(X%)=(A)*ml
Stacking buffer	6.3ml	-	-	-
Separating or Resolving buffer	-	25ml	25ml	25ml
ddH₂O	16ml	55.65ml	44.45ml	73.5-(A)*ml
TEMED	25µl	50µl	50µl	50µl
10% AP	125µl	500µl	500µl	500µl
Total volume	25ml	100ml	100ml	100ml

30% Acrylamide: Bis-acrylamide (37.5:1 or 29:1) :

	<u>Stack gel</u>		<u>Resolving Gel</u>	
	<u>4%</u>	<u>7.5%</u>	<u>12%</u>	<u>X%</u>
30% Acrylamide/Bis	3.3ml	25ml	40ml	3.3(X%)=(A)*ml
Stacking buffer	6.3ml	-	-	-
Separating or Resolving buffer	-	25ml	25ml	25ml
ddH₂O	15.2ml	48.45ml	33.45ml	73.5-(A)*ml
TEMED	25µl	50µl	50µl	50µl
10% AP	125µl	500µl	500µl	500µl
Total volume	25ml	100ml	100ml	100ml