Trident Prestained Protein Ladder (High Range)

Cat. No. GTX50875

Applications	WB	References (15) Package
		500 μl
PRODUCT		
Summary	The Prestained Protein Ladder is a three-color protein standard with 12 pre-stained molecular weights from 10 to 245 kDa. Proteins are covalently coupled with a blue bands (one green and one red band at 25 kDa and 75 kDa respectively) when sepa	e chromophore except for two reference arated on SDS-PAGE (Tris-glycine buffer).

The Prestained Protein Ladder is designed for monitoring protein separated on SDS-PAGE (This-grychief electrophoresis, verification of Western transfer efficiency on membranes (PVDF, nylon, or nitrocellulose) and for approximating the size of proteins. The ladder is supplied in gel loading buffer and is ready to use.

Applications

Application Note

Under suggested conditions, Prestained Protein Ladder resolves 12 major bands in 15% SDS-PAGE (Trisglycine buffer) and after Western blotting to nitrocellulose membrane.

Properties	
Form	Liquid
Buffer	20mM Tris-Phosphate, 3.6M Urea, 15% Glycerol, 2 % SDS, 1mM Dithiothreitol
Preservative	No preservative
Storage	Store at 4°C short term (3 months). For extended storage aliquot and store at -20°C or below. Avoid freeze-thaw cycles.
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

	Tris-Glycine														
MW (kDa)	4-20%	MW (kDa)	8-16%	MW (kDa)	10-20%	MW (kDa)	8%	MW (kDa)	10%	MW (kDa)	12%	MW (kDa)	15		
245-		245-		徽	-	245-		245-	-	245		335=	Ξ		
180-		180-	-	-188=	=	180-	_	180-	=	140		搬			
100-		140-	_			140-	-			100-		75-	-		
75-		100-		75-				100-				60-	-		
60-				60-	-	100-	-	75=	-	60-		45-	-		
60-	_	75-	-			75-		60-	_	45-	-				
45-	-	60-	-	45=	-							35-	-		
35-	_	45-		35-	-	60=	-	45=	-	35-		25-			
		45-										10-			
25=	-	35-	_	25-	-	45-	_	35-	-	25*	-	20-	-		
20=	-									20-	-				
15-	_	25-		20-	-	35-	_	25=	-			15-	-		
		20-	-							15-					
10-	-	15-	-	15-	-			20-	-	1.5-					
		10-			_	25-		15-			-	10-	-		

GTX50875 Image

Migration pattern of GTX50875 Trident Prestained Protein Ladder (High Range) in Tris-Glycine gel.



For full product information, images and publications, please visit our <u>website</u>.



	Bis-Tris															
	MOPS								_	MES						
MW (kDa)	8%	MW (kDa)	10%	MW (kDa)	12%	MW (kDa)	15%	MW (kDa)	8%	MW (kDa)	10%	MW (kDa)	12%	MW (kDa)	15	
235-	=	235-		38=	=	138=		235-	=	235-	-	138=	Ξ	110		
130-	-	130- 93-		130- 93- 70-	-	38-		130-		130- 93-		130- 93- 72-	-			
93-	-	93- 70-		53-		53-		93=		72-		53-		53-		
70=	-	53-	-	41-		41-		53-	-	53-		42-	-	30-		
53=	-	41-	-	30-				42-	-	30-		30-		23=	_	
41=	_	30-	_	22-	_	22-		30-		23-		23-		18-	-	
		72=	_	18-		14-		23- 18- 14-	-	18- 14-		14-		14-	-	
30-		18-	-	14-	-			14-		10-	-	10-	-	10-	1	
**-		14-		-		9-	-									

GTX50875 Image

Migration pattern of GTX50875 Trident Prestained Protein Ladder (High Range) in Bis-Tris- gel.



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