# Mark12<sup>™</sup> Unstained Protein Standard

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## Protocol

Protocol			kDa		
1.	Thaw the standard at room temperature.				
2. 3. 4.	( <i>Silver staining only</i> ) Dilute the standard 1:20 in 1X Sample Buffer.				
Gel Type		Volume	55.4		
Mini gel (1.0-mm thick)		5 µL	36.5		
Mini gel (1.5-mm thick)		7 μL	31		
Midi gel (1.0-mm thick)		10 µL	21.5		
М	idi gel (1.5-mm thick)	15 µL	14.4		
			6		

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5 µL of Mark12™ Unstained Protein Standard on a Bolt<sup>™</sup> 4-12% Bis-Tris Plus Gel with MES SDS Running Buffer

3.5

2.5

Stain: SimplyBlue™ SafeStain.

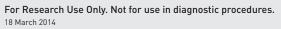


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$\mathbf{\mathbf{\mathbf{5}}}$	Package contents	Catalog Numbers LC5677	Size: 1 mL		
	Storage conditions	Store at 2°C to 8°C.			
	Required materials	<ul> <li>Polyacrylamide gel(s)</li> <li>Electrophoresis apparatus for protein analysis</li> <li>Appropriate sample buffer (when silver staining)</li> </ul>			
Å	Selection guide	Unstained Protein Standards Go online to view related products.			
	Product description	<ul> <li>Mark12<sup>™</sup> Unstained Protein Standard allows you to accurately determine protein molecular weight gel over a wide molecular weight range.</li> </ul>			
Ç		<ul> <li>This standard consists of molecular weight from</li> </ul>	f 12 protein bands ranging in 2.5–200 kDa.		
		<ul> <li>Storage buffer: Tris-HCl, Coomassie Blue G-250</li> </ul>	Glycerol, SDS, Phenol Red, and		
			E <sup>®</sup> , Tris-Glycine, or Tricine gels. nline Protein Gel Selection Guide.		
	Important guidelines	<ul> <li>Visualize bands using Contechniques.</li> </ul>	ommassie or silver staining		
		<ul> <li>DO NOT apply heat or a Unstained Standard is st</li> </ul>	ndd a reducing agent. Mark12™ upplied ready-to-use.		



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