

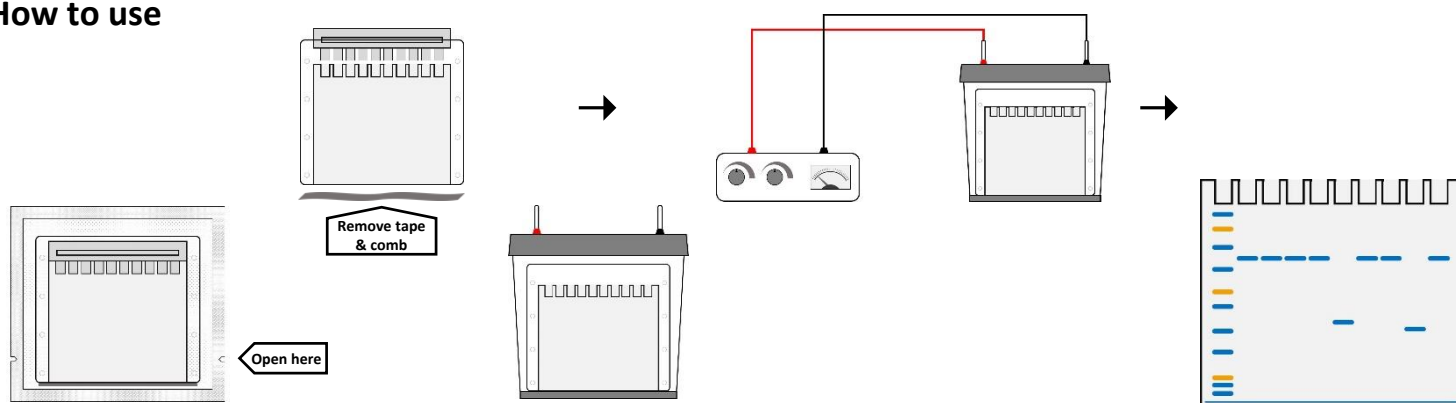
**Bio Bench AccuPAGE™ protein electrophoresis gels** are precast polyacrylamide gels that provide large range of molecular weight separation ability with good resolution and sample integrity.

**AccuPAGE™ Precast Gels** are replacement of your lab made Tris-glycine gel, and they can provide better and constant performance.

**AccuPAGE™ Precast Gels** are compatible with nearly all of tanks from major biotech providers. Take out from the fridge and open the package, then you can operate it under the routine lab instructions.



## How to use



## Key advantages:

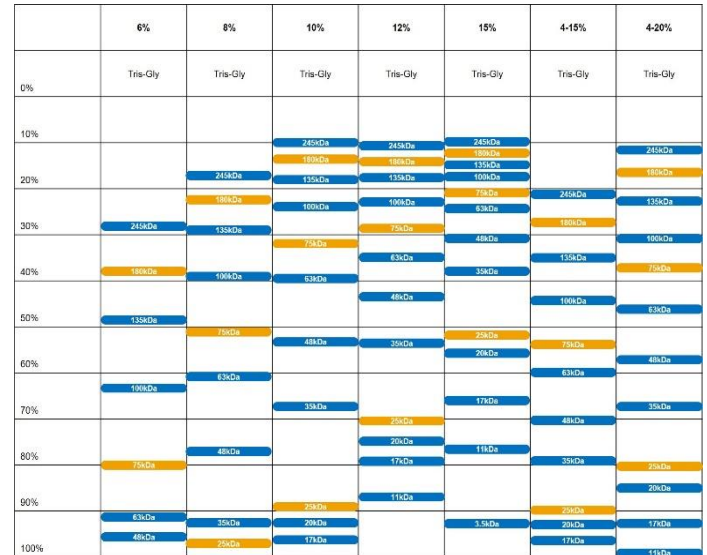
1. Large range of protein size compatibility from 3.5kDa to 300kDa. Precast Gels Plus are available in different acrylamide concentrations, including 6%, 8%, 10%, 12% and 4-12%, 4-15% and 4-20%. Customized services for special concentrations are also available.
2. Good compatibility with electrophoresis tanks from almost all brands, including but not limited to: Bio-Rad, Life Technology (Thermo), Hoefer, Sigma Aldrich Dual Run, Thermo XCell I, II, & Surelock™ mini-cell, LONZA PAGER® Minigel Chamber and Tanon, etc.
3. Tested in-house by Bio Bench's CRO services.
4. Automated gel casting platform ensures stability and repeatability of the results.
5. Coated plastic cassette which is able to avoid protein absorption and ensures the clear and sharp protein band.
6. Rapid electrophoresis within 25min by Ultra Fast Running Buffer.
7. Compatible with all types of protein marker, including conventional marker and pre-stained marker.
8. Gel can be observed by Coomassie brilliant blue staining, silver staining, fluorescent staining or under UV light.
9. Gel cassettes can be easily opened with the common Gel Opener.
10. AccuPAGE™ Precast Gels is free of any detergent™ (like SDS). User can run both native PAGE or denaturing PAGE.

## Chart of Protein Bands Migration

### AccuPAGE™ Bis-Tris gel



### AccuPAGE™ Tris-Gly gel



## Specifications

Specifications	Tris-Glycine Gel	Bis-Tris Gel
<b>Concentration</b>	6%, 8%, 10%, 12%, 15%, 4-15%, 4-20%	8%, 10%, 12%, 4-12%
<b>Gel Dimension</b>	Mini gel, 84mm(W) × 74mm(H) × 1mm(D)	
<b>Cassette Dimension</b>	100mm(W) × 89mm(H) × 4.8mm(D)	
<b>Gel Thickness</b>	1mm	
<b>Stacking Gel</b>	Concentration 4%, 15mm(H)	
<b>Well amount and max load</b>	10 wells 50µL, or 15 wells 30µL.	
<b>Storage and Shelf Life</b>	4 - 8° C, up to 12 months. DO NOT FREEZE.	4 - 8° C, up to 12 months. DO NOT FREEZE.
<b>Shipping</b>	Room temperature or controlled temperature.	
<b>Tank Compatibility</b>	AccuPAGE™ is designed to be compatible with all types of MINI-PAGE tank which allows 10cm width gel cassette. Including but not limited to the following models: <ol style="list-style-type: none"> <li>Bio-Rad Mini-PROTEAN (II/3 /Tetra System) *</li> <li>Hoefer™ Mighty Small (SE250 / SE260 / SE280)</li> <li>Sigma Aldrich Dual Run *</li> <li>Thermofisher/Invitrogen XCell (I, II, &amp; Surelock™ mini-cell) *</li> <li>LONZA PAGER® Minigel Chamber *</li> <li>Tanon</li> </ol>	
<b>Running Time</b>	Minimum 20min if Ultra Fast Running Buffer is used. 40 – 60 min by using common buffer.	
<b>Application</b>	Native PAGE, denaturing PAGE. Note: Gel does NOT contain detergent (like SDS).	
<b>Running Buffer</b>	Tris-Glycine	MOPS or MES
<b>Package Quantity</b>	2 pcs test pack, 10 pcs, 30 pcs and 50 pcs.	

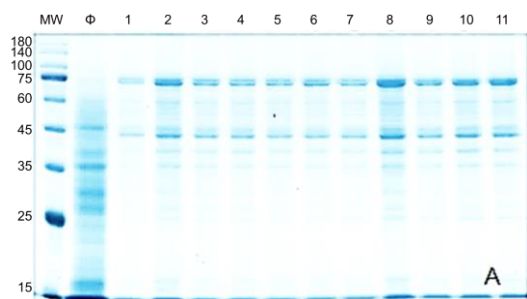
\* Accessory or adaption will be needed. Bio Bench provides the accessories.

## AccuPAGE™ Precast Gels and Accessories

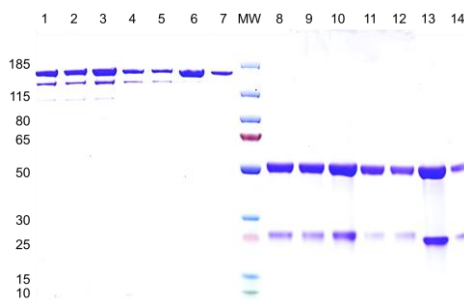
Gel type	Running Buffer	Gel Thickness	Gel Concentration	Max Separation	Recommended Separation	Well Amount	Max Sample Load	Cat. No.
Tris-Glycine	Tris-Glycine	1mm	6%	40-300kDa	60-200kDa	10	50µL	<a href="#">AP-GPG-610</a>
						15	30µL	<a href="#">AP-GPG-615</a>
			8%	25-300kDa	40-200kDa	10	50µL	<a href="#">AP-GPG-810</a>
						15	30µL	<a href="#">AP-GPG-815</a>
			10%	11-230kDa	20-160kDa	10	50µL	<a href="#">AP-GPG-1010</a>
						15	30µL	<a href="#">AP-GPG-1015</a>
			12%	6.5-200kDa	15-85kDa	10	50µL	<a href="#">AP-GPG-1210</a>
						15	30µL	<a href="#">AP-GPG-1215</a>
			15%	5-170kDa	10-50kDa	10	50µL	<a href="#">AP-GPG-1510</a>
						15	30µL	<a href="#">AP-GPG-1515</a>
4% - 15%	5-270kDa	20-200kDa	10	50µL	<a href="#">AP-GPG-41510</a>			
			15	30µL	<a href="#">AP-GPG-41515</a>			
4% - 20%	3.5-300kDa	5-200kDa	10	50µL	<a href="#">AP-GPG-42010</a>			
			15	30µL	<a href="#">AP-GPG-42015</a>			
Tris-Bis	MOPS or MES	1mm	8%	8-270kDa	25-245kDa	10	50µL	<a href="#">AP-GPB-810</a>
						15	30µL	<a href="#">AP-GPB-815</a>
			10%	8-270kDa	11-180kDa	10	50µL	<a href="#">AP-GPB-1010</a>
						15	30µL	<a href="#">AP-GPB-1015</a>
			12%	3.5-245kDa	11-135kDa	10	50µL	<a href="#">AP-GPB-1210</a>
						15	30µL	<a href="#">AP-GPB-1215</a>
			4% - 12%	3.5-270kDa	11-245kDa	10	50µL	<a href="#">AP-GPB-41210</a>
						15	30µL	<a href="#">AP-GPB-41215</a>

Product Name	Description	Cat. No.
Tank Adapter Plate – Type 1	Tank Adapter designed for the following models: 1. Sigma Aldrich Dual Run * 2. Thermofisher/Invitrogen XCell (I, II, & Surelock™ mini-cell) * 3. LONZA PAGER® Minigel Chamber *	AP-AC-01
Tank Adapter Accessory – Type 2	Tank Adapter designed for the following model: 1. Life Technologies Mini Gel Tank	AP-AC-02
Ultra Fast Running Buffer for Tris-Gly Gel	Ultra Fast Running Buffer designed for Tris-Gly gel, running time as little as 20min. 1 pack for 500mL running buffer.	AP-B-P500

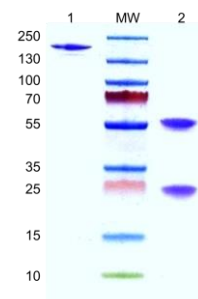
## AccuPAGE™ Precast Gels have been tested by our protein services!



AccuPAGE™ Tris-Gly Gel 12%. This is to test the expression ability of 11 different clones. Φ: non-induced host; 1-11: different clones.



AccuPAGE™ Tris-Gly Gel 4-20%. This image is antibody purity result. 1-7: native antibodies; 8-14: denatured antibodies.



AccuPAGE™ Bis-Tris Gel 4-12%, MES running buffer. This image is antibody QC result. 1: native sample; 2: denatured sample.

Purchasing for the whole company/institute, or for many labs together?

Would like to regularly receive gels to keep constant stock?

Large volume of gels will be needed soon?

Our representative would be glad to assist you for a better solution! Contact us.

**BIO BENCH – Boost research.**

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