

### Coloured Stacking Gel Buffer

| <u>Product Name</u>          | <u>Product Code</u> | <u>Kit Packing</u> |
|------------------------------|---------------------|--------------------|
| Coloured Stacking Gel Buffer | ML155-50ML          | 50 ml              |
|                              | ML155-100ML         | 100ml              |

#### Introduction:

Coloured Stacking Gel Buffer forms clear and visibly distinct wells when used to prepare buffer for stacking gel during SDS-PAGE (SDS-Polyacrylamide gel electrophoresis). As a result the loading of protein samples become very convenient. This buffer is supplied as a 5X stock.

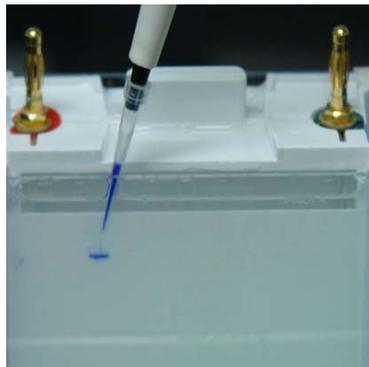
#### Description:

Coloured Stacking Gel Buffer is a convenient mixture of Tris, SDS and an inert blue dye. The blue dye enhances the visibility of the sample loading wells to simplify protein loading, without interfering with the performance of the gel. The solution facilitates protein loading by highlighting the sample loading wells with color. The gel can be used for all standard downstream applications, e.g. gel staining and Western blotting.

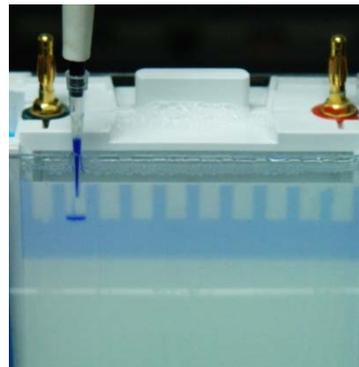
#### Application:

Coloured Stacking Gel Buffer is used in protein electrophoresis. The solutions required for preparation of a 10 ml stacking gel for Tris-Glycine-SDS-PAGE are tabulated as follows:

|                                    |         |
|------------------------------------|---------|
|                                    | 5%      |
| 30% Acrylamide:Bis Solution (29:1) | 1.67 ml |
| Coloured Stacking Gel Buffer       | 2 ml    |
| Water                              | 6.33 ml |
| Total volume                       | 10 ml   |
| 10% Ammonium persulfate            | 50 ul   |
| TEMED                              | 5 ul    |



Stacking gel prepared using Regular Stacking Gel Buffer



Stacking gel prepared using ML155-Colored Stacking Gel Buffer

Please refer disclaimer Overleaf.

### Properties:

- Appearance : blue color solution  
Clarity : Clear and free of particles  
Suitability test : This solution has been tested and is suitable for use in PAGE assays

### Storage conditions:

The Colored Stacking Gel Buffer has to be stored at 2-8°C. Under recommended condition, the reagent is stable for 6 months.

### Warning and Precautions

Not for Medicinal Use. Read the SDS carefully before beginning the protocol. Wear protective gloves/protective clothing/eye protection/face protection. Follow good clinical laboratory practices while handling clinical samples. Standard precautions should be followed as per established guidelines. Safety guidelines may be referred in safety data sheets of the product.

### Performance and Evaluation

Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

### Safety Information

The Colored Stacking Gel Buffer is for laboratory use only, not for drug, household or other uses. Take appropriate laboratory safety measures and wear gloves and safety goggles when handling. Not compatible with disinfecting agents containing bleach. Please refer the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

### Technical Assistance

At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at [mb@himedialabs.com](mailto:mb@himedialabs.com).



Storage temperature



Do not use if package is damaged



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### Disclaimer :

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