

## Related products

### SDS-PAGE Related Dye

#### Stacking Gel Dye for SDS-PAGE

BioFACT™ Stacking Gel Dye for SDS-PAGE, 40X  
[Cat. No. LD110-20h/LD110-B10k(Blue)]



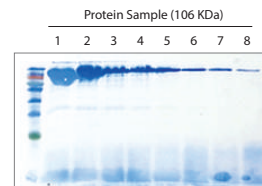
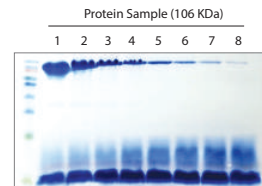
BioFACT™ Stacking Gel Dye for SDS-PAGE, 40X  
[Cat. No. LD111-20h/LD111-B10k(Green)]



It is used for staining stacking gels which allows clear visualization and easy identification of protein sample wells.

#### Real-Time Protein Staining Dye for SDS-PAGE

BioFACT™ Real-Time Protein Staining Dye for SDS-PAGE, 2X [Cat. No. LD101-10h]



Nitrocellulose  
Membrane  
Transfer

1: 16 µg, 2: 8 µg, 3: 4 µg, 4: 2 µg, 5: 1 µg, 6: 500 ng, 7: 250 ng, 8: 125 ng

The dye rapidly stains proteins blue so that makes it possible to monitor protein bands visibly in real time while gel is running and it does not interfere with membrane transfer process.

### Reagent & Power Supply



• BioFACT™ Triple Color Protein Marker  
(10 ~ 180 kDa) [Cat. No. SM306-500]



• BioFACT™ Triple Color Protein Marker  
(10 ~ 245 kDa) [Cat. No. SM307-500]



• PS-300HC Universal Power Supply  
[Cat. No. PS-300HC]



• PS-600HC Universal Power Supply  
[Cat. No. PS-600HC]



• HiGene™ 10X SDS PAGE running buffer [PB151-10h]  
• HiGene™ Coomassie blue staining solution [PB152-10h]  
• HiGene™ Coomassie blue destaining solution [PB153-10h]



Please contact us,  
if you have any question and need help.

T)1670-5695

www.bio-ft.com

info@bio-ft.com



**BIOFACT Co., Ltd.**

Headquarters / Manufacturing center  
Techno 8-ro, Yuseong-gu,  
Daejeon, 34028 Republic of Korea

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[Cat. No. LD110-20h/LD110-B10k(Blue)]



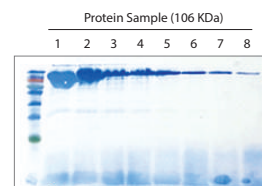
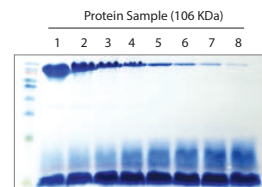
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**FREE SAMPLE**

# Quick Guide

Beyond the PCR technology, BIOFACT promises the progress for your research.



## BioFACT™ Stacking Gel Dye for SDS-PAGE [Blue] / [Green]

[Cat. No. LD110-20h, LD110-B10k / LD111-20h, LD111-B10k]

Contents	Cat.No	Units
BioFACT™ Stacking Gel Dye for SDS-PAGE(Blue), 40X	LD110-20h	1 mL x 2 ea (For 40gels)
	LD110-B10k	10 mL x 1 ea (For 200gels)
BioFACT™ Stacking Gel Dye for SDS-PAGE(Green), 40X	LD111-20h	1 mL x 2 ea (For 40gels)
	LD111-B10k	10 mL x 1 ea (For 200gels)

### Description

BioFACT™ Stacking Gel Dye for SDS-PAGE (Blue / Green) 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. The Blue / Green 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.

### Preparation

Due to the special nature of the dye, there will be precipitation in the process of storage, so please mix it upside down before use and then use it normally.

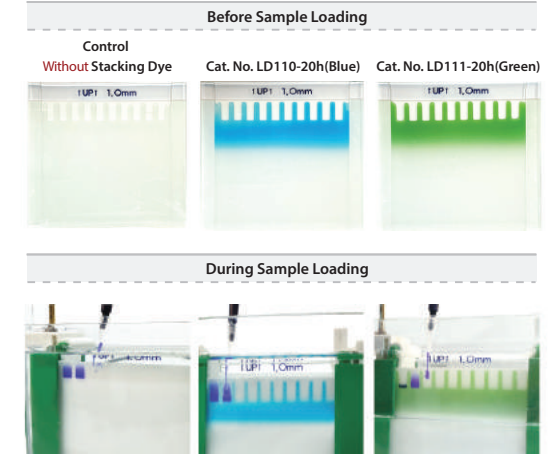
### Protocol

1. Taking 1.0 mm gel as an example, about 2 mL of stacking gel solution is needed to prepare a single gel. 25 µL of Stacking Gel Blue / Green Dye (40X) can be added to each 1 mL of stacking gel solution and mixed well.
2. Add the top gelatinizing catalyst (such as ammonium persulfate or other ammonium persulfate substitutes) and TEMED, and then use pipette or pipette to inject the top gelatinizing solution between the glass plates, and insert the electrophoresis comb.
3. After the upper layer is solidified, the electrophoresis comb can be removed for subsequent electrophoresis.

### Properties

- Appearance : Blue Color / Green Color Solution
- Clarity : Clear and free of particles
- Suitability test : This solution has been tested and is suitable for use in PAGE assays.

### SDS-PAGE Gel



BioFACT™ Stacking Gel Dye for SDS-PAGE is recommended for use as it is difficult to distinguish between wells during sample loading when adding 1X running buffer to SDS-PAGE gel.

**Expiration Date :**  
1 year at room temperature



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2023. 12. 13 (설명서 개정일)

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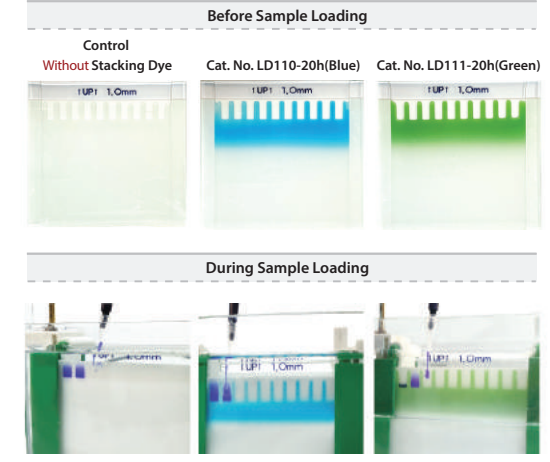
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