



Protein Stains

think proteins! think G-Biosciences!

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BIOSCIENCES®

A protein stain for every occasion

LabSafe™ GEL Blue

A Rapid Coomassie Based Stain

- **Sensitive:** Detects 4-8ng protein.
- **Rapid Staining:** Bands visible in 10 minutes with *no destaining*
- **Versatile:** Stain native, denaturing, IEF and 2D gels.
- **Ready-To-Use:** One liter supplied for up to 50 mini gels.
- **Non Toxic:** No methanol, acetic acid or other toxic chemicals required.



FOCUS™ FASTsilver™

Mass Spectroscopy Compatible Staining

- **Ultrasensitive:** Detects 1ng protein or 0.3 ng nucleic acid on a crystal clear background.
- **Adaptable:** Stain protein and nucleic acid.
- **Compatible:** Stain native, denaturing, IEF and 2D gels.
- **Rapid:** Complete staining in 1 hour.
- **Mass Spectroscopy Suitable:** No glutaraldehyde, therefore complete protein and peptide recovery.



Silver D-Stain™

Stain, destain & restain your silver stained gels.

- If silver stained are over stained and too dark, use **Silver D-Stain™**.
- Reduces silver staining and reveal bands not previously discernable.
- Completely destain gel and restain with different stain or use for other downstream applications.



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Reversible Copper & Zinc Stains

Rapid Reversible Protein Stains



Figure1: High level of detection of protein bands using Reversible Zinc stain

- **Reversible:** No destaining, ideal for electroelution, blotting, sequencing and mass spectroscopy.
- **Sensitive:** Detect as low as 8-12ng.
- **High Visibility:** Both produce a negative image. Clear bands on a semi opaque background.
- **Ultrarapid:** Proteins detected in 5 minutes.
- **Compatibility:**
 - *Zinc stain:* Stains SDS denatured, native, tricine and glycine gels. (Figure 1)
 - *Copper stain:* Stains SDS denatured gels, not compatible with native, tricine or glycine gels.(Figure 2)



Figure2: High level of detection of protein bands after staining with Reversible Copper stain

Glycoprotein Staining kit™

Enhanced Staining of Glycoproteins After Electrophoresis

- **Specific:** A modified silver stain for enhanced glycoprotein staining.
- **Sensitive:** Nanogram level detection, greater than 2-fold increase in glycoprotein and proteoglycan detection.
- **Detection:** Detects both glycosylated and non-glycosylated proteins.(Figure 3)



Figure3: High level of detection of protein bands using Glycoprotein Staining kit™

Cat.#	Description/ size
GB78635	LabSafe™ GEL Blue/ 1 liter
GB78635G	LabSafe™ GEL Blue/ 1 gallon
GB786240	FOCUS™ FASTsilver™/ 25 mini gels
GB786199	Silver D-Stain™/ 25 mini gels
GB78632CU	Reversible Copper Stain/ 25 mini gels
GB78632ZN	Reversible Zinc Stain/ 25 mini gels
GB786254	Glycoprotein staining kit™/ 25 mini gels