



# Product Specifications

## SEEBAND PROTEIN STAIN Extraction Grade

<u>Catalog #</u>	<u>Size</u>
IB01035	500ml

### Recommended Use

- Clear and sharp bands
- High Sensitivity, Below 10ng of Protein per Band
- Track staining intensity during staining.
- Low Background
- Washes with water only
- Storage of 12 months @ 4°C (refrigerated)

Coomassie Blue Staining of proteins in SDS-PAGE gels is a daily procedure in many laboratories. It is popular among life science researchers, due to its good sensitivity and relative ease of use. Traditionally, Coomassie Blue staining requires a methanol and acetic acid solution to achieve staining and destaining. This process increases the risk for hazardous exposure and produces an unpleasant pungent odor. SeeBand Protein Stain is a convenient alternative to traditional Coomassie Blue staining procedures. Environmentally friendly, this ready-to-use stain does not contain methanol and acetic acid and does not require hazardous solvents for destaining. This simple “hands-off” staining/destaining procedure saves valuable time while reducing the handling of hazardous materials and solvent waste in your laboratory.

### Applications

1. Staining proteins in analytical work
2. Staining 2-D gels
3. Staining gels for long-term documentation

### Time to remove SDS

<14%	10 minutes in 300 mls water	3X
14%-16%	30 minutes in 300 ml water	3X
>16%	60 minutes in 300 mls water	3X

### SeeBand Protein Staining Procedure

	Remove stacking gel
10 min 3x	Rinse gel with 300 ml of water (for denaturing gels)
1 hour	Staining with SeeBand Protein (completely submerge the gel) 20 mls/mini gel
30 min	Destain in Deionized Water (Do Not continue overnight)
NOTE	Longer destaining may be necessary for optimal results

### Storage

Store at +4°C. Protect from light. Protect from moisture. Keep tightly sealed.