Product Specifications

BLUE-CLEAN PROTEIN STAIN

Catalog #	Size
IB01034	1L

Physical Specifications

CAS#	N/A
Appearance	Clear Amber Solution
pH @ 25ºC	0.4-0.8
Abs. @ 465nm	0.7-1.0

Molecular Biology Specifications

Does not contain methanol or acetic acid.

Recommended Use

- Hands off Simple Staining/Destaining Procedure
- High Sensitivity, Below 20ng of Protein per Band
- Safer Alternative, No More Methanol and Acetic Acid

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. Blue-C 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. Blue-C Protein staining exhibits sensitivity below 20ng of protein per band. Packaged as a 1x ready-to-use solution, Blue-C Protein only requires water for the prewashing and destaining steps.

Blue-Clean Protein Staining Procedure

15 min	Pre-Wash with Deionized Water (for denaturing gels)
1 hour	Staining with Blue-C Protein (completely submerge the gel)
30 min	Destain in Deionized Water (may continue overnight)

Storage

Store at room temperature. Protected from moisture. Keep tightly sealed. Light Sensitive.

Warning

Corrosive. Avoid contact to the eyes, respiratory system, and skin. Wear suitable protective clothing, gloves, and eye/face protection. See Material Safety Data Sheet for additional information.