



Less time in the lab, More time for discovery !

The **SMART-Pro™ Staining Solution** is a highly sensitive and efficient reagent designed for protein staining in polyacrylamide gels. This reagent can stain proteins in SDS-PAGE gels without the need for separate destaining or washing steps, and it is formulated for ready-to-use.



SMART-Pro™ Staining Solution

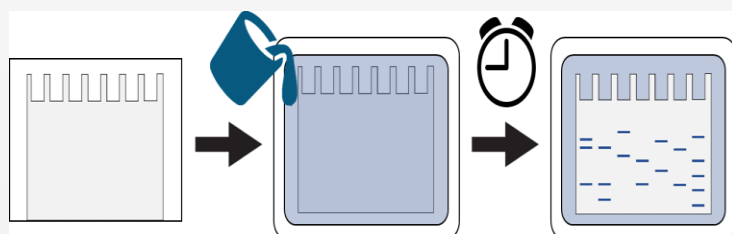
Description

The **SMART-Pro™ Protein Staining Solution** is a highly sensitive and efficient reagent designed for protein staining in polyacrylamide gels. This reagent can stain proteins in SDSPAGE gels without the need for separate destaining or washing steps, and it is formulated for immediate use.

Characteristics

- **High Sensitivity** : Capable of staining even faint protein bands clearly, ensuring precise analysis.
- **Rapid Staining Time** : Completes staining in a short time, saving valuable laboratory hours.
- **Rapid and simple protocol** : The easy-to-use protocol minimizes hands on time and streamlines your Western blotting workflow.
- **High Reproducibility** : Delivers consistent results, enhancing the reliability of your experiments.

Protocols



Total Step : Within 1 hour

- **Save the Time** : Complete staining can be achieved in as little as 10 minutes, which allows for faster experimental turnaround and increased laboratory efficiency.

Product Information

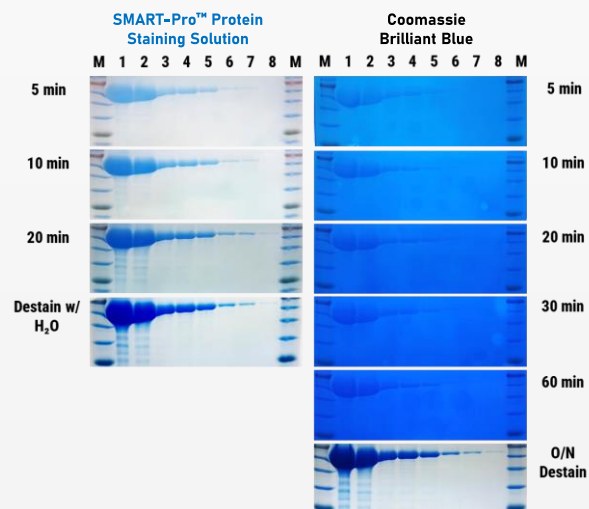
Product Name	Cat. No.	Size
• SMART-Pro™ Staining Solution	31195	500 ml
• PRO-PREP™ Protein Extraction Solution (C/T)	17081 / 17081.1	100 ml
• PRO-MEASURE™ Protein Measurement Solution	21011	100 ml
• SMART™ BCA Protein Assay Kit	21071	2,500 test
• GangNam-STAIN™ Prestained Protein Ladder	24052	250 ml
• Miracle-Star™ Western Blot Detection System	16028	200 ml
• NomiIRT™ Western Blot Stripping Buffer	21112	500 ml

Performance Data



M1	A	B	C	D
Prestained Ladder	BSA 2,000ng	BSA 1,000ng	BSA 500ng	BSA 100ng
E	F	G	H	I
BSA 50ng	BSA 25ng	BSA 12.5ng	BSA 10ng	BSA 5ng

- **Fig 1) High Sensitivity** : Capable of identifying proteins at nanogram levels



M	1	2	3	4
GangNam Stain ladder	Protein 1 µg	Protein 500 ng	Protein 250ng	Protein 100ng
5	6	7	8	M
Protein 50ng	Protein 25ng	Protein 10ng	Protein 5ng	GangNam Stain ladder

- **Fig 2) Clear Background** : Produces distinct and sharp protein bands, facilitating easy documentation and analysis