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# **DATASHEET**

SuperBlot<sup>TM</sup> Rapid Coomassie Staining Solution

### **Product overview**

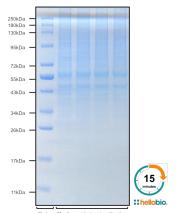
Name Cat No Biological description SuperBlot<sup>™</sup> Rapid Coomassie Staining Solution HB7028

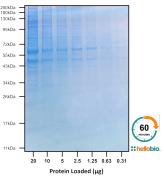
- Unique nanoparticle Coomassie formulation enabling rapid staining of proteins in polyacrylamide gels in as little as 15 minutes.
- · Requires minimal washing to achieve low background.
- Safer and more environmentally friendly than traditional alternatives.
- Compatible with subsequent mass spectrometry analysis and the acetic acid free formulation means proteins are not methylated or acetylated.

Applications Description WB, SDS-PAGE

Rapid coomassie protein staining solution

## **Images**





## **Biological Data**

**Application notes** 

Once the gel has finished running remove it from the cassette and place immediately in ≈20ml of rapid Coomassie stain. Incubate for at least 15 minutes then pour off the stain. Briefly rinse with dH<sub>2</sub>O then image.

A 15 minute incubation is sufficient for most protein visualization however for increased sensitivity then the incubation time can be increased. If increasing the incubation time then increased washing until the optimal signal/noise ratio is achieved is recommended.

## **Solubility & Handling**

Storage instructions Storage of solutions

Room temperature

Prepare and use solutions on the same day if possible. Store solutions at -20°C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

**Shipping Conditions** 

Stable for ambient temperature shipping. Follow storage instructions on receipt.

### **References**

#### Coomassie blue staining.

Brunelle JL et al (2014) Methods in enzymology 541 **PubMedID** 24674070

### Coomassie Brilliant Blue Staining of Polyacrylamide Gels.

Arndt C et al (2018) Methods in molecular biology (Clifton, N.J.) 1853

PubMedID 30097926