



Protein

genespin

DATA SHEET

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## > Coomassie Stain

Coomassie Stain is a ready-to-use non hazardous solution for staining proteins on polyacrylamide gels. Coomassie Stain does not require addition of methanol and acetic acid for destaining and produces blue bands on a clear background.

cat. no.	amount	note
STS-CS 500	2x250ml	methanol, ethanol, acetic acid free
STS-CS 1000	4x250ml	

### ADVANTAGES:

- Staining in aqueous solution (no special handling or fume hood requirements).
- Visibility of bands while gel is in the stain.
- No solvent waste problems.

### FOR RESEARCH USE ONLY

#### SHIPPING

Shipped at room temperature.

#### STORAGE

Storage at room temperature.

#### SHELF LIFE

12 months

#### FORM

liquid, blue

### Detailed Coomassie Staining Procedure:

- Place acrylamide gel in a glass box and add about 100ml of bidistilled water to the gel.
- Heat in the microwave oven for 45-60 seconds (700W - avoid boiling). Place the box with the gel on a shaker for 3-5 min. Repeat twice this step with fresh water.
- Cover the gel in the box with GeneSpin CS solution and heat in the microwave for 30 -45 sec. (700W) without boiling. Place the box on a shaker for finishing the staining.
- After 1 minute, protein bands can be observed, after 15-30 minutes the staining is strong enough in most cases.
- Pour off CS Solution and add 50-100 ml of bidistilled water to further destain the light blue background of the gel on a shaker. The gel can be scanned, photographed or dried for long-term storage.