



Bio-Safe™ Coomassie Stain

Eliminate the Use of Hazardous Chemicals.

- No solvent waste disposal costs
- No hazardous shipping charges
- No special handling
- No fume hood requirement

For more information, contact your local Bio-Rad representative or visit us on the Web at discover.bio-rad.com



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Bio-Safe Coomassie Stain



Bio-Safe colloidal Coomassie Blue G-250 stain from Bio-Rad is a premixed solution that is nonhazardous and does not require the use of methanol and acetic acid for destaining. Bio-Safe stain produces blue bands on a clear background, with sensitivity to 8 ng of protein.

Fast, Simple, Sensitive, and Convenient

- Fast (60–120 min from start to finish)
- Premixed ready-to-use solution in both 1 L and 5 L sizes (20–50 ml per mini gel)
- Detection range of 8–29 ng per band
- Bands/spots appear and can be viewed while gel is in the stain
- No gel shrinkage due to methanol
- Water wash prevents over-destaining
- Compatible with an alcohol fixative step, if desired
- Mass spectrometry compatible

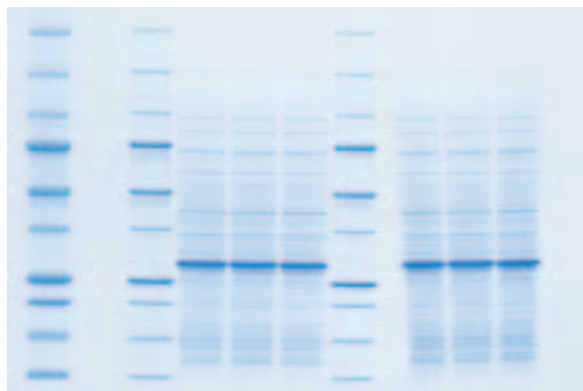
Broad Applications

- SDS-PAGE
- Native PAGE
- Peptide analysis (Tricine gels with fixation step)
- 2-D electrophoresis

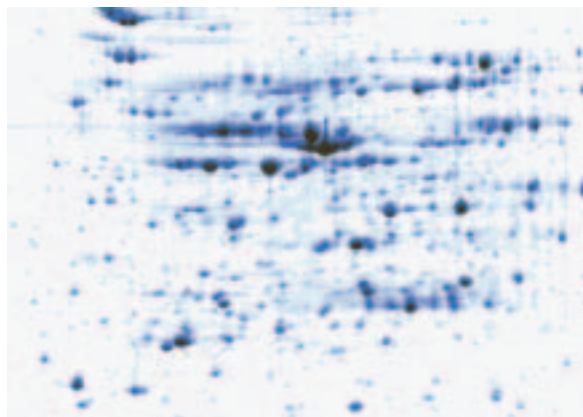
Ordering Information

Catalog #	Description
161-0786	Bio-Safe Coomassie Stain, 1 L bottle, stains 20 mini gels
161-0787	Bio-Safe Coomassie Stain, 5 L cube, stains 100 mini gels

Coomassie is a trademark of BASF Aktiengesellschaft.



1-D gel stained with Bio-Safe Coomassie stain. A Criterion™ 4–20% gel was washed in water for 20 min, stained with Bio-Safe Coomassie stain for 60 min, then destained in water for 60 min.



2-D gel stained with Bio-Safe Coomassie stain. First dimension: 300 µg of *E. coli* lysate treated with RNase and DNase in rehydration buffer containing 0.1% Bio-Lyte® ampholytes was loaded onto a 17 cm ReadyStrip™ IPG strip (pH 4–7) and focused 92,000 V-hr on the PROTEAN® IEF cell. Second dimension: The strip was loaded onto a 20 x 20.5 cm PROTEAN® Plus 8–16% gel, and run at 200 V constant for 6 hr.

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**Bio-Rad
Laboratories, Inc.**

Life Science
Group

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