

FT-N1516A



INTERFINE CHEMICALS

ANALYTICAL SCIENCES

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Colloidal Coomassie Blue Protein Stain

Colloidal Coomassie safe stain which acts to rapidly stain protein bands within acrylamide and agarose gels.

Product Description

Name: Colloidal Coomassie Blue Protein Stain – Rapid Safe Gel Stain

Cat. Number: N1516A, 1L

Colloidal Coomassie Blue (CCB) is widely used in visualising proteins separated by either agarose or acrylamide gel electrophoresis. The CCB Rapid Safe Gel stain is ready to use and simply poured into a gel tray to cover the electrophoresed gel. This is then incubated for 10 minutes before the gel bands start to appear. Intensity depends upon time and the protein concentration, however, the stain is exceedingly sensitive and micro-grammes of protein will become visible within minutes.

The use of which normally involves lengthy staining and de-staining of gels using both glacial acetic acid and methanol. These solvents are both toxic and poisonous and need to be disposed of with hazardous waste. In order to avoid these materials we have formulated coomassie blue G250 into a colloid which is both non-toxic and non hazardous. As a safe stain this is de-stained in water, to give crystal clear bands, which become more intense with time. The colloidal solution represents a safer way to apply the dye to the gels and is both easy and less expensive to use.

Directions for Use

The CCB dye is applied to the gel after washing the gel with water, the CCB solution is then agitated until the bands start to appear within the gel which normally takes from 10 mins to 1 hour. Once they appear and are visually strong enough, simply pour off the CCB stain and wash the gel in water. Keep washing until any background staining is removed and the protein bands appear more intense. If very small quantities of protein are being run, the staining can take place overnight and then extensively washed with water to visualise.

Related products and documents:

- BLUEYE PRESTAINED PROTEIN LADDER, [FO9810](#)
- BLULTRA PRESTAINED PROTEIN LADDER, [XZ2310](#)
- 3Dye 2D DIGE Kit, [EV0870](#)

Ordering information

Further package sizes and pricing may be found at <http://www.interchim.com>

Please inquire for bulk quantities (availability, shipment conditions, etc).

Any questions please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

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