QuickBlue Protein Stain
User Guide

QuickBlue Protein Stain is a new revolution in rapid 1-step protein gel staining. The proprietary formulation, incorporating Colloidal Coomassie, is used for rapid protein staining in polyacrylamide gels.

Storage Conditions

Upon receipt, store the QuickBlue stain at Room Temperature. The QuickBlue stain is stable for a minimum of 12 months at Room Temperature.

Simple 1-step Protocol

1. Pour 25 ml QuickBlue stain into a container. Use more stain if you are using a larger gel tray.
2. Remove the gel from the cassette and place the gel into the stain.
3. Leave the gel, while shaking, for a minimum of 15 minutes or until all weak protein bands are fully developed. Stain intensity is high after about 1 - 2 hours and maximum after overnight incubation.
4. Transfer the gel to DI water to remove any background staining and for gel storage. (N.B: A minimum 1 hour full stain is recommended before storing the gel in water.)

Microwave Procedure for Gels:

1. Using a microwave to heat up the QuickBlue stain can speed up the development of the protein bands.
2. For turbo-charging the stain, we recommend microwaving the gel, immersed in QuickBlue stain, in a suitable microwave-safe tray for a maximum 10 seconds at full power.
3. Remove the tray from the microwave and keep the gel in the QuickBlue stain for at least 30 min – 1 hour before storing the gel in DI water.

For Mass Spectrometry Applications

1. Stain the gel as normal.
2. Excise the protein band of interest and put in a clean microfuge tube.
3. Add 1 ml of 30% ethanol or 30% acetone.
4. Incubate for 20 min (60°C – 70°C increases the rate of de-staining).
5. Decant supernatant and repeat step 3 and 4 at least 3 times or until the gel fragment is clear.
6. Prepare the sample for mass spectrometry.

Ordering Information

Item	Size	Cat-No.
QuickBlue Protein Stain (40 gels)	1 L	L001000

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