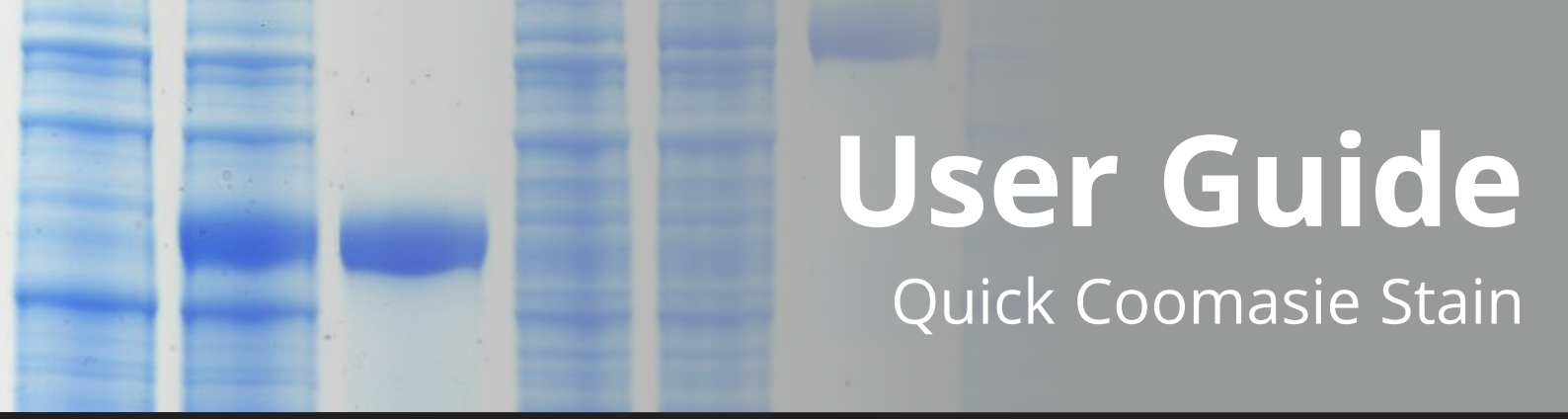


User Guide

Quick Coomasie Stain

THE 15 MINUTE SINGLE STEP STAIN - FASTER THAN LEADING COMPETITOR

15 MIN NON-TOXIC 1 STEP	SHARP PROTEIN BANDS	USE 3 TIMES	SHELF LIFE 18 MTHS AT 2-25°C

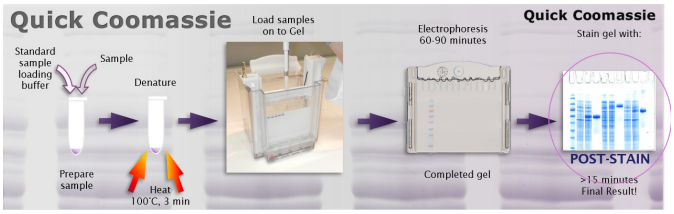
Quick Coomassie is a new revolution in rapid 1-step Coomassie staining. The proprietary formulation, incorporating Colloidal Coomassie, is used for rapid protein staining in polyacrylamide gels.

Storage Conditions

Upon receipt, store the stain at 2-25°C.
The QC stain is stable up to 18 months at 2-25°C

Simple 1-step Protocol

1. Pour 25 ml QC 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.)

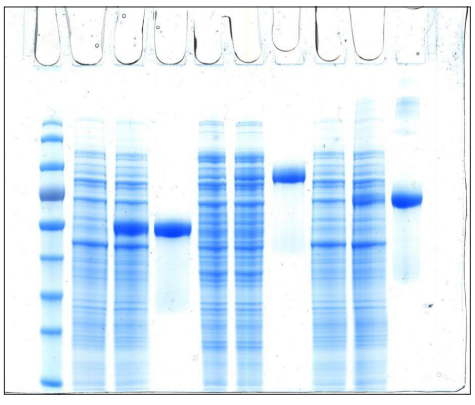


Microwave Procedure for Gels

1. Using a microwave to heat up the QC stain can speed up the development of the protein bands.
2. For turbo-charging the stain, we recommend microwaving the gel, immersed in QC 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 QC stain for at least 30 min – 1 hour before storing the gel in DI water.

Mass Spectrometry Applications

1. Stain the gel as normal.
2. Excise the protein band of interest and put in a clean microfuge tube ideally.
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. Run the sample in the mass spectrometer.



Ordering Information

Product	Units	Order Code
1 Litre QC Stain	1 L	GEN-QC-STAIN-1L
3 Litre QC Stain	3 x 1 L	GEN-QC-STAIN-3L

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