
TECHNICAL INFORMATION

Coomassie Blue Catalog No. LV512

INTRODUCTION

Coomassie Blue (LV512) is used to enhance latent prints contaminated with blood on porous and non-porous surfaces. It will not develop normal perspiration-based prints.

The working solution is sensitive to the proteins found in blood. If weak prints are noted after development, the procedure may be repeated until maximum contrast is gained.

CAUTIONS

- Before using this product, consult the appropriate Material Safety Data Sheets (MSDS) found on our website at www.sirchie.com/support.
- The solutions listed below are hazardous and highly flammable. Use only in a well-ventilated area or wear an OSHA approved organic vapor mask. Do not expose mixtures to open flame or sparks. Do not smoke when these chemicals.



- Wear protective gloves, safety goggles and splash-proof apron.

SUGGESTED FORMULATION

Working Solution:

Combine 4 grams Coomassie Blue in 200ml Methanol. To this solution add 200ml distilled water and 40ml Glacial Acetic Acid.

Rinse Solution:

Combine 450ml Methanol with distilled water. Add 100ml Glacial Acetic Acid.

Application Procedure:

1. Be certain that the blood is fixed to the surface.
2. Place enough working solution to cover the item in a tray. Allow 30-90 seconds for development. Developed prints should be clearly visible.
3. If tray development is not practical, apply the reagent using a squirt bottle.
4. Place the item into a second tray containing the Rinse Solution. Allow up to 60 seconds, and then remove the item and allow it to air dry.
5. Photograph any visible latent prints. Be certain to include a scale in all photographs.



Resultant LV512 enhanced latent print