

Protocol for Bloo Moose™ Staining Solution (Cat. No.: CE0730)

Fix gels prior to staining.

Add enough fixative solution (not supplied in this kit) to completely cover the gel (50mL should be sufficient for most mid-sized gels). Incubate at room temperature for 6-24 hours with gentle agitation.

Stain

Just prior to use, combine 40mL of Reagent A and 10mL of Reagent B to create the staining solution. Do not store prepared staining solution. Incubate fixed gel in staining solution at room temperature with gentle agitation for 6-24 hours or until desired intensity of staining is obtained. Volume of staining reagent can be adjusted based on gel size. Longer incubation in stain is generally not detrimental.

Rinse

Remove the staining solution from the gel container and discard (note the staining solution contains methanol and dilute phosphoric acid, please dispose according to your institution's waste disposal regulations). Alternatively, transfer the gel to a clean container. Add 25-50mL of distilled water to the stained gel and agitate gently for 5-10 minutes until excess stain and any precipitated stain is washed away. No destaining in organic solvent-containing solution is generally required.

Store gels in Intensifying Solution

Prepare the Intensifying Solution by diluting Reagent B 1:5 in distilled water. Remove the rinse water from the gel container and replace with 50mL Intensifying Solution. To further enhance the signal-to-noise ratio, incubate in intensifying solution overnight with gentle agitation if further reduction of background staining is desired. Intensifying solution has bacteriostatic properties and can be used for extended gel storage.