**COOMASSIE STAINING – compatible for mass spectrometry**

Colloidal Blue Staining Invitrogen Catalog no. LC6025

**GEL Fixing**

Remove and immerse the gel in a fixing solution (FIX):

**FIX**: 50 % methanol (MetOH)

10% acetic acid

Leave the gel in FIX for 10 min, remove the FIX solution and proceed with staining.

The staining kit contains a solution A and a solution B  
Prepare such a solution (usually 50 ml is sufficient for a small gel)

55% H2O (MS grade)

20% Methanol

20% sol A

Immerse the gel in this solution and shake it for about 10 minutes and then add 2.5 ml of sol. B.  
Leave the gel stirring until maximum coloring (from 3 hours to over night) at room temperature.  
Remove the dye solution, wash with H2O for 10 min and immerse in H2O again.

N.B. : Carefully follow the **Guidelines** to avoid contamination