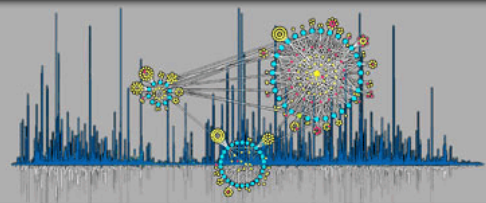


SOP	department of protein science (prot)		
TITLE	Coomassie Staining Protocol		
CATEGORY	Staining	AUTHOR	Core Facility Proteomics
VERSION #	3.2	DATE	30.11.2010

MATERIALS

Coomassie® Brilliant Blue R250 Powder Cat. No. 17525 (Serva)

REAGENTS

Fixing Solution / Destaining Solution: 50 % methanol, 12 % acetic acid

Stock-Solution: 0,4 % Brilliant Blue R in 50 % MeOH, 12 % acetic acid (1:10 dilution in 50 % MeOH, 12 % acetic acid is used!)

Please note: Dye does not dissolve easily. Please stir over night and filter out residual particles!!

PROCEDURE

- Fix gel for ca. 30 min. in the fixing solution (gel should be covered with solution completely).
- Stain gel for ca. 30 min to 2 h (depending on protein concentration, thickness of gel) in 1:10 dilution of stock-solution
- For destaining place gel for at least 30 min (to overnight- depending on protein concentration) in destaining solution
- Wash destained gel at least 2-3x for 10-15 min. in H₂O dest.