



For research use only

ISO9001

PowerStain™ Destain-free G250 Stain Solution

Product Name	Qty	Cat. No.
Destain-free stain solution	1 L	EBP-1021

- Protein staining after polyacrylamide, agarose, peptide gel electrophoresis
- Ready-to-use solution, No destaining step is necessary
- Recrystallized CBB R250
- Enhanced staining sensitivity (10 ng/band protein detection)

Procedure I (without fixing, 20 ng sensitivity, 3 hr staining procedure)

1. After gel electrophoresis, carefully transfer gels to plastic or glass container (don't touch gels with naked hands, always wear polygloves).
2. Briefly rinse gels with distilled water to remove excess SDS.
3. Pour appropriate volume of Destain free G250 protein staining solution (about 20 ml/gel)
4. Staining for 1 hr to 4 hr with mild agitation at room temperature until desired band density appeared.
5. Decant staining solution and briefly wash gels with distilled water .

- * Wash with distilled water may increase band density about two-fold
- * Vigorously mix staining solution before use

Procedure II (with fixing, 10 ng sensitivity, 1 hr staining procedure)

1. After gel electrophoresis, carefully transfer gels to plastic or glass container (don't touch gels with naked hands, always wear polygloves)
2. Fix gels with fixer (conventional destaining solution : 45% Methanol, 10% acetic acid) for 10-20 min
3. Decant fixer and pour appropriate volume of Destain free G250 protein staining solution (about 20 ml/gel)
5. Staining for 30 min to 1 hr with mild agitation at room temperature until desired band density appeared
5. Decant staining solution and briefly wash gels with distilled water

- * Fixing may increase staining density and decrease staining time
- * Wash with distilled water may increase band density about two-fold
- * Vigorously mix staining solution before use

Recommended storage condition

- ◆ Room temperature for 6 months