

Stripping Buffer (for Western blotting)

Protein Chemistry

Catalogue Number: MP017

Description: Western blotting is widely used to detect and compare proteins in complex mixtures, and chemiluminescence has largely replaced colorimetric analysis as the most convenient and sensitive method of detection. One advantage of chemiluminescence is the possibility to strip and reprobe the protein mixture on the membrane. Western Blot Stripping Buffer provides a generally robust but gentle method for stripping primary and secondary antibodies from blots to enable several reprobings on the same membrane. Western Blot Stripping Buffer is ideal for use with Chemiluminescent Substrates.

Pack Size: 500 ml

Storage: 4 °C

pH: 6.8

Application: Nitrocellulose and PVDF membranes that have been probed by Western blotting procedures and detected by chemiluminescent or other nonprecipitating substrates may be stripped and re-probed using Western Blot Stripping Buffer.

Reagent required but not provided: β-Mercaptoethanol

Procedure:

- ✧ For a 10x10 cm² membrane, add 50 ml stripping buffer in a glass contain.
- ✧ Add 50 μl of β-Mercaptoethanol.
- ✧ Heat stripping buffer to 55°C in water bath.
- ✧ Incubate membrane with stripping buffer at 50°C for 30 min with gentle shaking.
- ✧ Rinse membrane several times in 1x PBS supplemented with 0.05% Tween 20 .
- ✧ Membrane is now ready for re-block and blot.

