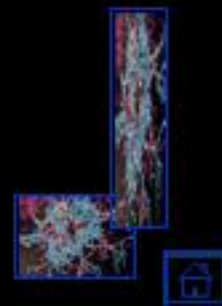


CHEMICON'S

ReBlot Plus Western
Blot Recycling Kit
(2500, 2500-S)



ReBlot Plus Kit



Kit Components:

- Mild Antibody Stripping Solution
- Strong Antibody Stripping Solution



ReBlot Plus Kit

Materials Not Supplied:

- Standard Blot or blot strips, on nitrocellulose or PVDF/nylon membrane.
- Blocking Solutions.
- Plastic Wrap, such as Saran Wrap, for storage of blots that will not be re-probed immediately.
- Distilled Water, for reagent dilution.
- Plastic Trays for incubation of blots or blot strips in stripping, washing and blocking solutions.



ReBlot Plus Kit

Materials Not Supplied (cont):

- Positive and Negative Stripping Controls. It is recommended that one new strip (not subjected to stripping solution) be included for comparison purposes.



ReBlot Plus Kit

Advantages:

- Contains both a Mild and Strong Stripping Solution.
- No β -mercaptoethanol in Stripping Solution
- Stripping is done at room temperature
- Blots can be stripped in approx 15 minutes
- Saves time and money in reagents by re-using the same blot
- Analyze a given blot using several different antibodies



ReBlot Plus Kit

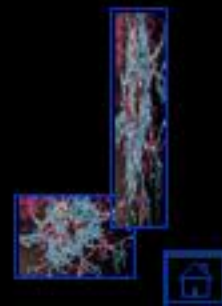
Blot Prior to Treatment with ReBlot Plus



Autoradiography film used to record the chemiluminescence light emission from an isoluminol-HRP-chemiluminescence reaction.



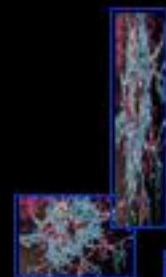
Western blot probed with rabbit antibodies to peptide from angiotensin II type 1 receptor.



ReBlot Plus Kit

Preparation of ReBlot Plus Solutions

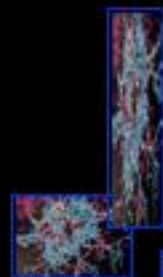
Step 1. Dilute the Antibody Stripping Solution (Mild or Strong) 10x with deionized H₂O to obtain a 1x solution.



ReBlot Plus Kit

Assay Instructions

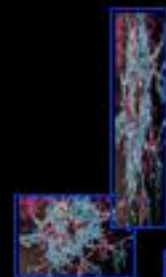
Step 1 & 2. *Blot Stripping*: Fill plastic tray with appropriate amount of 1x Antibody Stripping Solution. Submerge blot or blot strips in stripping solution. Incubate with gentle mixing for 15 minutes at room temperature.



ReBlot Plus Kit

Assay Instructions

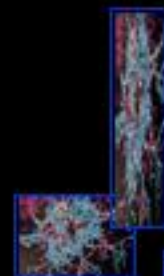
Step 3. *Blocking*: Fill a clean plastic tray with appropriate amount of Blocking Solution. Submerge blot or blot strips in Blocking solution. Block blots with two changes of blocking solution for 5 minutes each.



ReBlot Plus Kit

Assay Instructions

Step 4. The blot is now ready for re-probing with antibodies.



ReBlot Plus Kit

Re-Probe Results



Western blot probed with rabbit antibodies to peptide from angiotensin II type 1 receptor.



Western blot stripped with ReBlot Plus Mild.



Western blot re-probed with rabbit antibodies to peptide from glutamate receptor delta 1/2.

