

## Ten Min. Western Blot Re-Probe Kit (JZ-008)

### Introduction:

1. It is widely used to strip and re-probe for several antibodies on a same western blot membrane. The classical way by using methanol or  $\beta$ -mercaptoethanol pollutes environment with a heavy odor that is harmful to human health.
2. This kit is odorless and does not cause any harm to anything in any way.

### Highlight:

1. **Easy process and the time saving;** It only takes 10 minutes to get the used membrane as a new one.
2. **Desired data and the money saving:** The stripping buffer doesn't weaken the function of target proteins on the Western Blot Membrane (**Fig.1-4, below**). And it is feasible to strip a membrane for 5-6 times that is still having the satisfactory results.
3. **Owning the desired data forever;** the stripping buffer not only doesn't affect the Western Blot result but also doesn't affect a good membrane to be kept at  $-20^{\circ}$  C for a few years. (Store the Western Blot Membrane, to see [JZ-012](#)).

### Content table, Price and working Size

Catalog Number	Name	Size and Working for sheet	Store	Price/kit
<a href="#">JZ-008</a>	Ten minute stripping buffer, 5 x (Make 600 ml/ kit of 1x work solution)	60ml /bottle x 2/ Kit 1. 10/sheet for 60 2. 8ml/sheet for 75 3. 6ml/sheet for 100;	At 5-30 $^{\circ}$ C, works Well fro the open Day.	\$108.50

### Work table

Step	Action
Step #1	<ul style="list-style-type: none"> <li>• Dilute the 5X, stripping buffer (1ml) with D.W (4ml) become the 1x working solution.</li> <li>• Put a used Western Membrane in the 1x working solution; shake it at room temperature for 10 minutes (10-15minute are allowed, if the membrane was with a stronger blot)...</li> </ul>
Step #2	<ul style="list-style-type: none"> <li>• Rinse the Membrane for 5-6 times by hand shaking 6-10 seconds/each with the Western Wash Buffer. Then, the stripped membrane has been ready to be re-probing with a new antibody.</li> </ul>
Step #3	You could re-probe a new antibody <a href="#">with Kit (JZ-009)</a> to have a good result within 30 min.
Notes	<ul style="list-style-type: none"> <li>• No guarantee for a dried Western Blot Membranes or /and it was not properly kept to produce the desired results on the stripping processing.</li> <li>• <b>If you like to store your Western Blot Membrane well for a few years refer to <a href="#">JZ-012</a>.</b></li> <li>• Not guarantee for some stronger antibody probed, like the actin and etc. but, you could repeat the Step#1 to carry out the stripping effective,</li> </ul>

### Working Experience\*:

1. The proteins were from human cancer cell line to be run Western Blot on the nitrocellulose membrane;
2. Used the antibody concentration from the manufacture description, ( and with [Half Hour Western Blot Kit, JZ-009](#));
3. There were different antibodies used before and after stripping in a same membrane blot. The data show that the [stripping did not affect the affinity effective both antigen and antibody](#).

Fig.1,



Fig.1; The antibody, P-CREB used before stripping;

Fig.2,



Fig2, 3, 4; the same Membrane Blot was from Fig.1 after stripping; **To be re-probed** with antibody-cyclinD1. Exposure: 15 seconds.

Fig.3,



Fig.3: Exposure: 30 Seconds;

Fig.4,



Fig.4; Exposure: 60 seconds

### Reference

1. Bleuming SA, et al.: Altered bone morphogenetic protein signalling in the Helicobacter pylori-infected stomach. J. Pathol, 2006 Jun; 7-9(2): 190-7.
2. Deyde V, et al.: Identification of a monoclonal antibody from Peromyscus maniculatus (deer mouse) cytomegalovirus (PCMV) which binds to a protein with homology to the human CMV matrix protein HCMV pp71. J Virol Methods. 2005 Jan;123(1):9-15.
3. Hardwick JC, et al.: Bone morphogenetic protein 2 is expressed by, and acts upon, mature epithelial cells in the colon. Gastroenterology. 2004 Jan;126(1):111-21.

\*. The data were provided by customer to be tested with this product, JZ-008. The data' copyright belongs to customer and it doesn't affect the customer publication.