Jacksun Easy Biotech Inc.



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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 -mercabtoethanol 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° 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
JZ-008	Ten minute stripping buffer, 5 x	60ml /bottle x 2/ Kit	At 5-30° C, works	\$108.50
	(Make 600 ml/ kit of	1.10/sheet for 60	Well fro the open	,
	1x work solution)	2. 8ml/sheet for 75	Day.	
		3. 6ml/sheet for 100;	,	

Work table

Step	Action
Step #1	• Dilute the 5X, stripping buffer (1ml) with D.W (4ml) become the 1x working solution.
	• 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)
Step #2	 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.
Step #3	You could re-probe a new antibody with Kit (JZ-009) to have a good result within 30 min.
Notes	 No guarantee for a dried Western Blot Membranes or /and it was not properly kept to produce the desired results on the stripping processing.
	 If you like to store your Western Blot Membrane well for a few years refer to JZ-012.
	 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,

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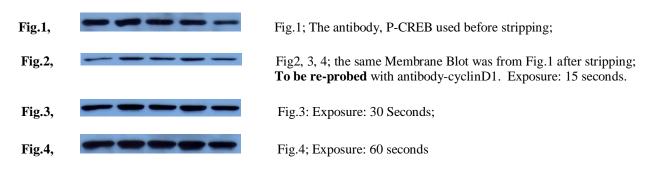
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Working Experience*:

- 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.



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.

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^{*.} 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.