

Western Blot Membrane Store kit (JZ-012)

Highlight:

1. This kit is only on the world currently. And this kit works well both the Nitrocellulose and PVDF membranes.
2. The Kit functions to store a used Western Blot Membrane for three years more. The stored membrane is used like a new one on the any time during the three years.
3. You could try storing your membrane to be over three years; it might be working well too. But this kit has been tested by our company three years only.

Kit Content:

Cat#	Reagent Name and Volume	Working for sheet	Store at	Price
JZ-012	1).10x,Membrane Store Buffer-1 (10x,JZ-012B1); 10ml/vial 2). 10x, Membrane Store Buffer-2 (10,JZ-012B2); 10ml/vial	20-30 membrane sheet/kit	5-29° C for 1 year from the open day.	\$126.99/kit

Work protocol:

1. Make 10x,JZ-012B1 and B2 to become 1x,Membrane Store Work Solution(1x,MSWS);;

2. Fixed volume making				3. Desired Volume(DV=25ml) making	
Total 1x,MSWS(ml)	10.00	15.00	20.00	1).10x,JZ-012B1=DV(25ml)/10= 2.50ml;	
10x,JZ-012B1(ml)	0.5	0.75	1.00	2).10x, JZ-012B2=DV(25ml)/10= 2.50ml	
10x,JZ-012B2(ml)	0.5	0.75	1.0	3).D.W.=DV-(10x,JZ-012B1+B2);	
D.W*(ml)	9.0	13.5	18.00	D.W= 25- (2.5+2.5)=	20.00ml

*Make sure the D.W. that was not contamination.

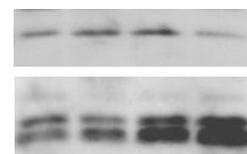
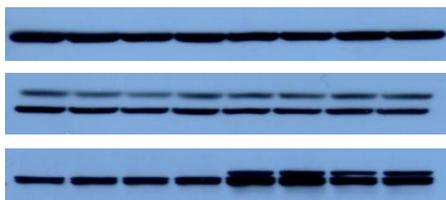
2. Before using the 1x,MSWS,to follow the table above to take the 10x,JZ-012B1,B2 and D.W together in a desired container, then to be mixing well and to be waiting for the 1x,MSWS become the room temperature(RT);
3. Use the wash buffer to rinse the used Western Blot Membrane for 2-3 times at RT, the membrane has been ready for the freezing(Make sure the membrane that didn't do stripping before the freezing: It is not sure that the kit works well for the membrane stripped before freezing);
4. Put the ready freezing membrane in 5-10ml of 1x, MSWS in a container and make sure the membrane was covered by 1x, MSWS, slowly shake it at RT for 5-10 minutes,
5. Take the soaked membrane from the 1x, MSWS to directly put it on an enough size of the plastic food wrap, to wrap the membrane soon. And make sure the membrane was not wrapped with the too tightly and the puckering;
6. Place the wrapped membrane into a fit size plastic bag, sealed the mouth with the sealed machine or pucker the plastic bag mouth 2-3 fold, sealed with staple. Make sure sealed the plastic mouth as sealed as possible.
7. Place the membrane in a box, then the box to be in minus 20° C soon. (The aim of the membrane in a box is to keep the freezing membrane is not any broken during it in minus 20° C).
8. You could take the freezing membrane to be using on the any time during the freezing period. And the membrane works well like one new during the freezing period of 3 years. Might it work well too to continue freezing over 3 years, but the company tested 3 years only.
9. To use the freezing membrane; 1).take it from minus 20° C, to put it at 4° C for 5-10 minutes. 2).Be careful to open the plastic bag and plastic wrap, put the membrane at the RT wash buffer, slowly shake it at RT for 5 minutes for two times. 3. Right now, the membrane likes a new one. You could start to stripping and continue to process your western blot for the desired result.

Working samples show: A1

1)A1,A2,A3 were processed with;

JZ-012, JZ-009,JZ-008 &JZ-011. A2

A3



B1

B2

- 2).A1, A2, A3 were from same membrane; sample1,2,3,4 from Cell line protein, sample 5,6,7,8 from human cancer tissue, A1; anti-β-action 3/2009;A2;store the membrane to 3/2011,after striping, use anti-β-action down line blot & NF-KB P65, up line;A3;Contiue store the membrane to 3/2012, after stripping, use phosphor-P44/42(cell Signal 1:1000).
- 3).B1,B2 were from the same sample-Human cell line protein; B1; anti-NF-KB P50 mo.66ug/ml, 6/2009; B2 store the membrane to 6/2012, use the anti-cleaved Caspase-3 (all the membrane were stored with This kit, JZ-012) the end of JZ012.