

T-Pro Western Blot Enhancer Kit (T-Pro WBE Kit)

- (JK93-E003S)
Solution A 25ml, Solution B 50ml
- (JK93-E003M)
Solution A 50ml, Solution B 100ml

T-Pro Biotechnology

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This product is for laboratory research ONLY and not for diagnostic use.

Introduction:

It's normal to the antibody recycling in Western Blot related tests, its intentions are economical and speeding up our progress. The new product of 「T-Pro Western Blot Enhancer Kit」 can effectively speed up Western Blot progress and economize on the dose of antibody. You can also avoid the reducing efficacy of recycling antibody, and it increases the signal to 10~1000 times when its signal is too weak to measure. As to the transfer membrane, our suggestion is that using the material of NC will get better result than using the material of PVDF because of using the transfer membrane of PVDF will interfere by higher context form evaluation.

Characteristics :

Several characteristics of 「T-Pro Western Blot Enhancer Kit」 listed below :

- It is effective use when samples are few or hard to harvest.
- It increases of the antibody signal 10~1000 times when it too weak to detect.
- Saving Time: It reduces to half to one-fourth the antibody operation time when you follow the antibody supplier reference.
- Saving Cost: It reduces to half to one-tenth antibody dose.

(Note: It is difficult to look after both side to saving time and reducing the antibody dose!)

Operation Guild :

T-Pro WBE Solution A: It is used to the diluent of Primary Antibody ,which function can increase the strength of binding between Primary Antibody and antigen and their combination yield.

T-Pro WBE Solution B: It is used to the diluent of Secondary Antibody ,which function can increase the strength of binding between Primary Antibody and Secondary Antibody and their combination yield.

Notice :

As to ECL Kit, our suggestion is T-Pro LumiFast Plus ECL Kit
As to transfer membrane, our suggestion is Nitrocellulose (NC)

	primary Antibody (μl)	Solution A (μl)	PBST 或 TBST (μl)
Volume (μl)	X	500X	XZ-X-500X
	Secondary Antibody (μl)	Solution B (μl)	PBST 或 TBST (μl)
Volume (μl)	Y	1000Y	YZ-Y-1000Y

When we are used to increasing the antibody signal :

Suggestion of the ratio between Primary Antibody and T-Pro WBE Solution A:

(1: 200~500X), for example: When the suppliers of antigen or antibody suggest that the dilution ratio is 1,000X, add Primary Antibody **5μl** (0.8μg~1.2μg/μl) to diluent T-Pro WBE Solution A **1,000μl** stirring **15minutes** ; then adding PBST or TBST **3,995μl** to mix; removing to transfer membrane for reaction-

Suggestion of the ratio between Secondary Antibody and T-Pro WBE Solution B:

(1: 500~1000X), for example: When the suppliers of antigen or antibody suggest that the dilution ratio is 5,000X · add Secondary Antibody **1μl** (0.8μg~1.2μg/μl) to diluent T-Pro WBE Solution B **1,000μl** stirring **15minutes** ; then adding PBST or TBST **3,999μl** to mix; removing to transfer membrane for reaction-

For reducing the dose antibody : (Primary Antibody reduces to one-tenth dose)

Suggestion of the ratio between Primary Antibody and T-Pro WBE Solution A:

(200~500X), for example: When the suppliers of antigen or antibody suggest that the dilution ratio is 1,000X, add Primary Antibody **0.5μl** (0.8μg~1.2μg/μl) to diluent T-Pro WBE Solution A **250μl** stirring **15minutes** ; then adding PBST or TBST **4,750μl** to mix; removing to transfer membrane for reaction-

Suggestion of the ratio between Secondary Antibody and T-Pro WBE Solution B:

(1: 500~1000), for example: When the suppliers of antigen or antibody suggest that the dilution ratio is 10,000X · add Secondary Antibody **1μl** (0.8μg~1.2μg/μl) to diluent T-Pro WBE Solution B **1,000μl** stirring **15minutes** ; then adding PBST or TBST **8,999μl** to mix; removing to transfer membrane for reaction-

Deposit condtion :

Deposit Temp. 2~8°C · the preservation is 12months.