

Western Blot Fast Stripping Buffer (CAT: SB-WB007)

This product ship in RT, and store in 2-8 degree, please use within 12 months.

Product feature

Save your time, effort, and sample----multi target protein can be test in just one blot, more than 10 target protein can be probed in just 1 blot. Reduced the labor and sample that needed in multi sample loading and blotting, also can reduce the artificial caused by multi loading.

Ready and easy to use---- only 10min is needed to finish a stripping, no need for extra equipment, no need to heat, probe can be done after a simple wash.

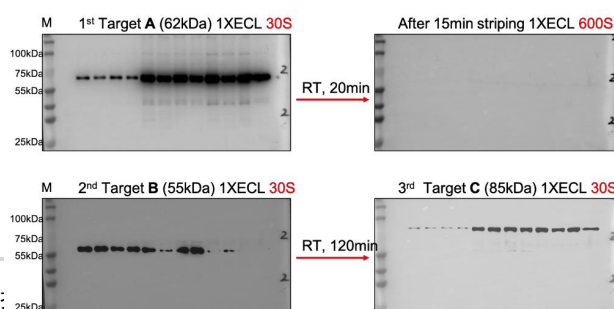
Mild formula, environment and user friendly----mild formula, suitable for PVDF and NC membrane, suitable for fluorescent, HRP and NIR technology. Less effect on protein sample, to ensure multi time detection of interest protein. Biology safe and user-friendly formula, can be used in open lab space.

Procedures

1. Remove the redundant reagent by PBST/TBST/PBS/TBS/or water wash;
2. Add enough stripping buffer to cover whole membrane. Shake on a rotate for 10-20min in room temperature. Stripping time can be adjust depending on the stripping efficiency on target band. 20 min is enough for most hard-to-remove antibody, for example Tubulin.
3. Discard stripping buffer, and wash with wash buffer for 5min. the efficiency can be checked at this step by re-develop in a long developing time.
4. Block with your block buffer, and ready for next probe.
5. we have checked the room temperature stripping time can be as long as 6 hours, no significant signal loss for weak signal protein band.

Cautions to user

1. Repeat use is not suggested since the pH value is critical for efficient strip, reuse will decrease the efficiency.
2. Both NC and PVDF membrane can be used, but we recommend PVDF membrane since PVDF membrane have a better protein reservation function.
3. Buffer can be heated to 50 degree is not satisfied with the stripping effect, and a longer stripping time can help.
4. Reduce your developing time if HRP is used in developing, a strong developing will leave a yellow mark on your membrane, and its irreversible.
5. PPE is required for your safety. **For research use only, not for use in diagnostic procedures.**
6. Low temperature may cause precipitation, placed at room temperature for half an hour or dissolved in 50 °C water before use.



Western Blot 抗体快速剥离液(货号 SB-WB007)

本产品常温运输，保存于 4 度，保质期 12 个月。

产品特点

省时省力省样品——同一次跑胶转膜，可检测多个目标蛋白，至少可进行十个以上的目标蛋白检测。既减少了重复跑胶转膜的重复劳动和时间，又可减少批次间上样造成的人为差异；

方便快捷高效——每次剥离只需 10min 左右即可，无需特殊设备，无需加热，简单漂洗后即可进行下一轮封闭杂抗体；

温和无毒适用性广——温和配方，适用于 PVDF 和 NC 膜，适用于荧光，HRP 等多种发光体系。减少对蛋白样品的影响，保证了多次剥离后膜的可用性。无毒无刺激配方，无需通风厨等特殊要求，即可完成实验。

使用说明

1. 完成发光检测后，使用 PBST/TBST/PBS/TBS/或者水简单漂洗膜，去掉残余发光液；
2. 加入足够剥离液完全覆盖膜。摇床上漂洗 10-20min。剥离时间视抗体量可做适当调整，多数情况 20 min 足以剥离大部分抗体（如内参 Tubulin 抗体）。
3. 倒掉剥离液，加入常用漂洗液漂洗膜 5min。为保证剥离效果，此时可再次发光，确认剥离效果。
4. 常规封闭膜，之后即可杂交其他抗体。

*本产品经过检测，可安全进行长达 6 h 常温剥离，弱信号蛋白未见明显衰减。

注意事项

1. 本产品不建议重复使用，重复使用会改变产品 pH，降低剥离效果；
2. NC 膜，PVDF 膜均可使用，由于 PVDF 膜对蛋白的保留效果更好，推荐使用 PVDF 膜；
3. 若抗体浓度太高，未达到理想剥离效果，可提前预热剥离液至 50℃，并延长剥离时间；
4. HRP 发光时，适当控制发光液浓度，防止膜过曝造成黄色印记，该印记不可消除；也可依次先后曝光弱信号的蛋白，最后曝光强信号蛋白。如信号太弱可使用圣尔卓越型 ECL 发光液（货号 sb-wb011）。
5. 为了您的安全和健康，请戴实验服并戴手套操作，遵守实验相关规定；
6. 本产品仅限科研使用，不可用于临床。
7. 如果出现絮状沉淀是低温结晶所致，可常温放置半小时或水浴锅 50℃水浴溶解后再使用。

应用实例

使用本产品进行剥离，进行三次不同蛋白靶标的检测。首次检测蛋白（62kDa）抗体结合强度高，发光效果明显，经过 10 min 的常温剥离后，原条带可完全剥离，长达十分钟曝光也无残留条带（见图一）；剥离后进行了第二个蛋白（55kDa）的检测，右侧较弱条带仍能顺利检测出；室温 120min（相当于 12 次 10min）剥离后，进行了第三个蛋白（85kDa）的检测，信号仍能顺利检测到，且左侧较弱信号仍能顺利杂出。（见图二）

