

Northern Blot Stripping Solution (Harsh)

Product description

Northern Blot Stripping Solution (Harsh) is a high-strength Northern blot probe stripping solution. It is used to efficiently remove probes bound to the membrane after the first round of Northern blot detection, enabling subsequent re-probing of reference RNA and other targets. This product is DEPC-treated and autoclaved to ensure it is free of DNase, RNase and protease contamination. It can strip both RNA probes and DNA probes from blotting membranes effectively.

Composition and storage conditions

Components	Size	Storage
Northern Blot Stripping Solution (Harsh)	250 mL	4°C
Shipping: Blue Ice		Shelf life: 12 months

Experimental operation

1. For re-probing and subsequent Northern blot detection after probe removal, rinse the nylon membrane with nuclease-free Tris-EDTA buffer or 2×SSC buffer for approximately 5 min after the first round of blot detection, then discard the rinse solution.

***Note:** Do not allow the membrane to dry after washing; dried membrane makes it difficult to strip labeled probes effectively.

2. Preheat the Stripping Solution to 100°C in advance. Transfer the membrane to a container resistant to 100°C, add an appropriate volume of preheated Stripping Solution to fully cover the membrane, and allow it to cool naturally to room temperature. Repeat this procedure twice.

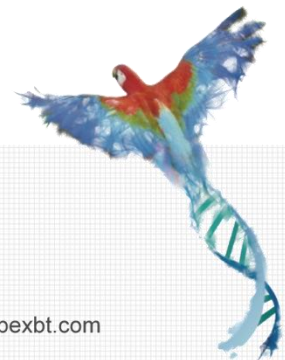
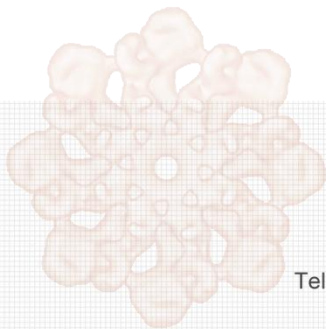
***Note:** Pour the 100°C preheated Stripping Solution gently along the inner wall of the container; avoid pouring directly onto the membrane.

3. Take out the nylon membrane and rinse it with nuclease-free Tris-EDTA buffer or 2×SSC buffer for about 5 min, then discard the liquid.

4. The membrane can be used for subsequent Northern blot re-hybridization, or immersed in an appropriate amount of Tris-EDTA buffer or 2×SSC buffer for short-term storage at 4°C.

Notes

1. Strictly avoid RNase contamination throughout the operation. Do not touch the sample-loaded area when handling the membrane.
2. The solution may become turbid or form precipitates at low temperature. Warm appropriately to fully dissolve the precipitate, mix thoroughly before use.
3. This reagent is for research use only.



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