

Northern Blot Stripping Solution (Mild)

Product description

Northern Blot Stripping Solution (Mild) is a mild low-stringency 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 for reference RNA and other target molecules. This product is DEPC-treated and autoclaved to ensure the absence of DNase, RNase and protease contamination. It can efficiently strip both RNA probes and DNA probes from blotting membranes.

Composition and storage conditions

Components	Size	Storage
Northern Blot Stripping Solution (Mild)	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. Pre-warm the Northern Blot Stripping Solution to 60°C in advance. Transfer the membrane to a hybridization tube or hybridization bag, add an appropriate amount of stripping solution, and incubate at 60°C for 60 min.

***Note:** Gentle shaking during incubation usually improves the stripping efficiency of bound probes.

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 waste liquid.

4. The membrane can be used for subsequent Northern blot re-hybridization, or briefly stored at 4°C in appropriate Tris-EDTA buffer or 2×SSC buffer.

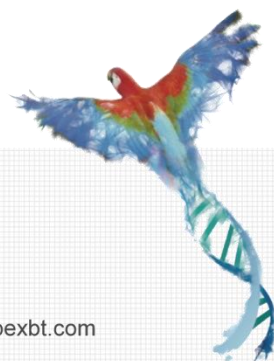
Notes

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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