

Northern Blot Stripping Solution (Moderate)

Product description

Northern Blot Stripping Solution (Moderate) is a moderate-strength Northern blot probe stripping solution. It efficiently removes membrane-bound probes after the first round of Northern blot detection, allowing subsequent re-probing for reference RNA and other targets. This product is DEPC-treated and autoclaved to guarantee it is free of DNase, RNase and protease activities. It is effective for stripping both RNA probes and DNA probes from blotting membranes.

Composition and storage conditions

| Components | Size | Storage |
|---|--------|-----------------------|
| Northern Blot Stripping Solution (Moderate) | 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 65°C in advance. Transfer the membrane to a hybridization tube or hybridization bag, add an appropriate amount of stripping solution, and incubate at 65°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.

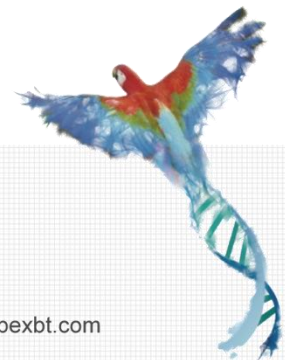
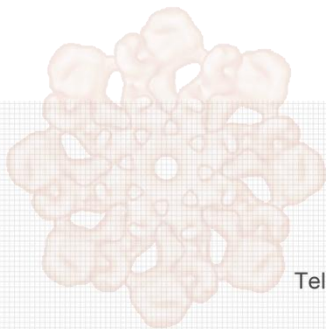
Notes

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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