

NORTHERN BLOTTING

- RNA molecules can be separated by gel electrophoresis and specific sequences can be identified by hybridization following transfer to nitrocellulose.
- This analogous technique for the analysis of RNA has been whimsically termed as "Northern blotting".
- mRNA bands can be blotted directly into nitrocellulose membrane.
- It can be hybridized with a labelled DNA or RNA probe.
- The single stranded regions of the probe are removed by nuclease.
- That quantitative estimation of hybridized mRNA can also be made.