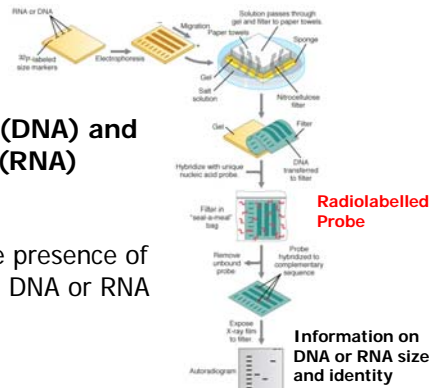
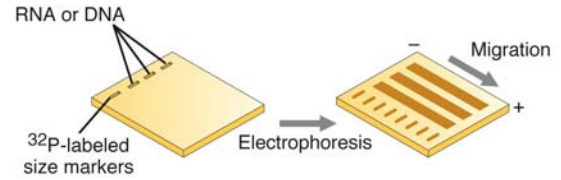


Southern (DNA) and Northern (RNA) Blotting

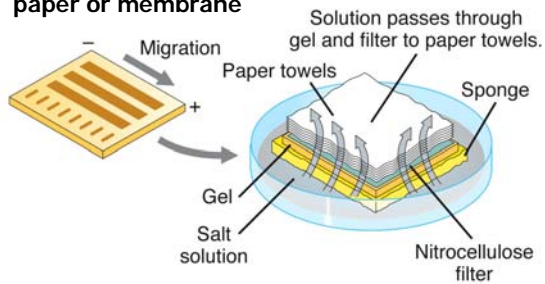
Identify the presence of a particular DNA or RNA sequence



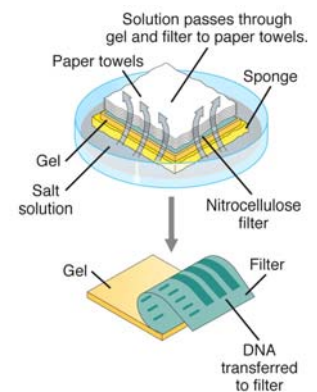
Gel Electrophoresis: separate fragments of DNA or RNA on basis of size



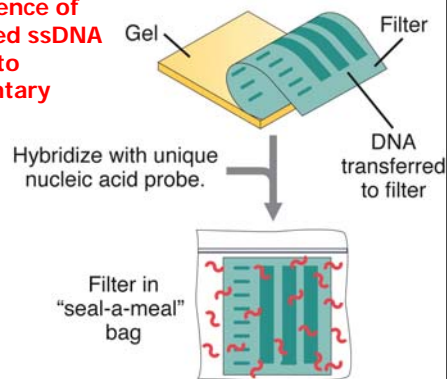
Blotting: transfer the DNA from the gel to filter paper or membrane



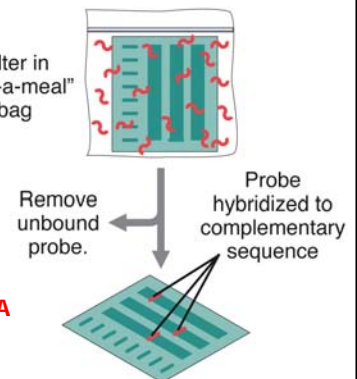
Blotting: DNA or RNA is transferred from the gel to filter paper or a membrane

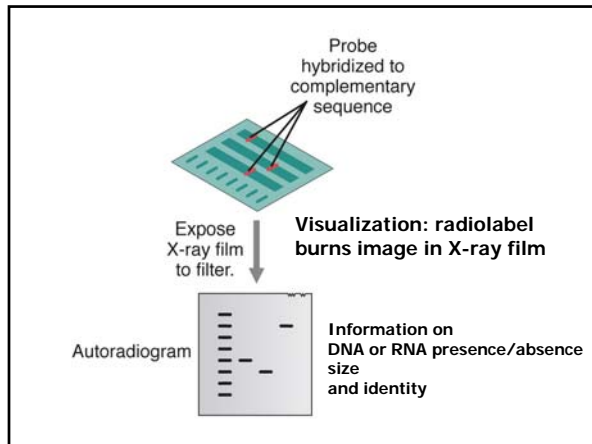


Probing: Short sequence of radiolabelled ssDNA hybridizes to complementary sequence



Probing Short sequence of radiolabelled ssDNA hybridizes to complementary sequence





Molecular Genetics: Methods

- DNA extraction
- PCR amplification
- Gel electrophoresis
- DNA sequencing
- Hybridization

January 25th Lab Tour WSC 333

