

Basics of the Electrophoresis



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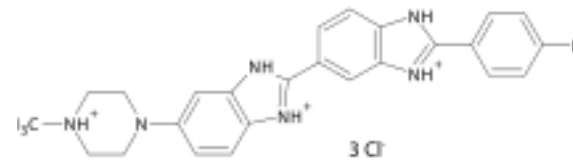
Topics

- Monosaccharides and Polysaccharides difference
- Electrodes
- Ink
- TAE buffer
- Agarose

TAE buffer

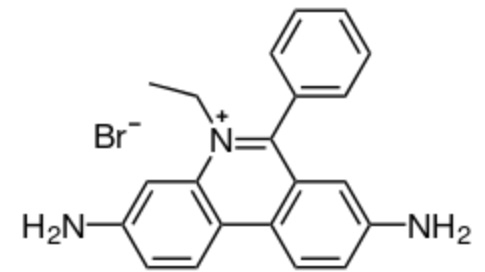
- Keeping pH on constant value
- Used in agarose electrophoresis

Ink

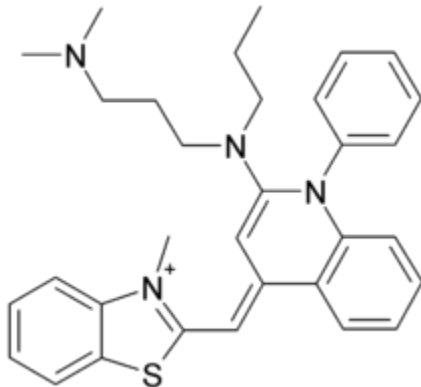


Hoechst stain

Ethidium bromide



SYBR Green I



Monosaccharides and Polysaccharides

- Monosaccharides

Use

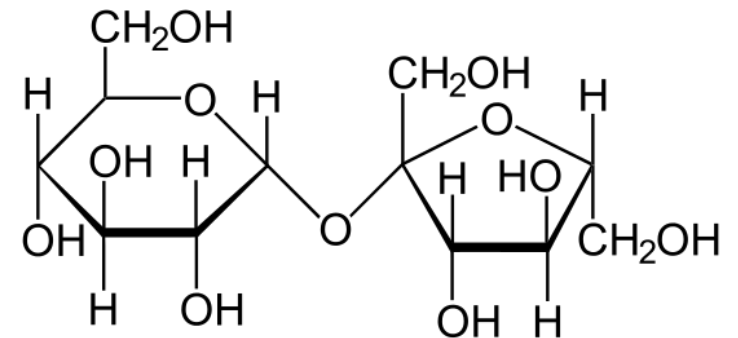
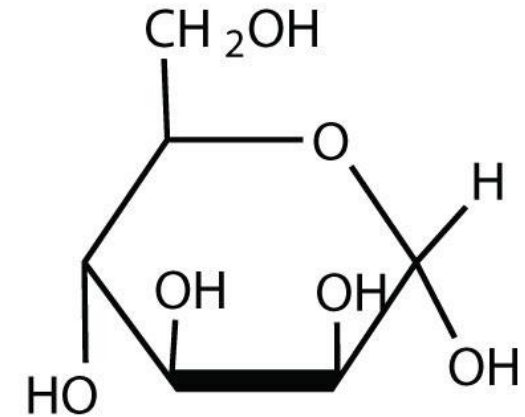
Structure

- Polysaccharides

Use

Structure

- Difference



Electrodes

- Role
- How
- Greater Distance

Sources

1 https://www.exploratorium.edu/sites/default/files/GelElectrophoresis_DSC_2139_H2.jpg

2 <https://s3-us-west-2.amazonaws.com/courses-images/wp-content/uploads/sites/3101/2018/03/21155616/76ce6c1765227426cc9b5f1f06d18aa2.jpg>

3 https://dr282zn36sxxg.cloudfront.net/datastreams/f-d:281878ff5400d7f0ec265501076e1f2ba2c7fd054e673cd3bedfc12e%2BIMAGE_THUMB_POSTCARD_TINY%2BIMAGE_THUMB_POSTCARD_TINY.1

4 www.wikipedia.com