

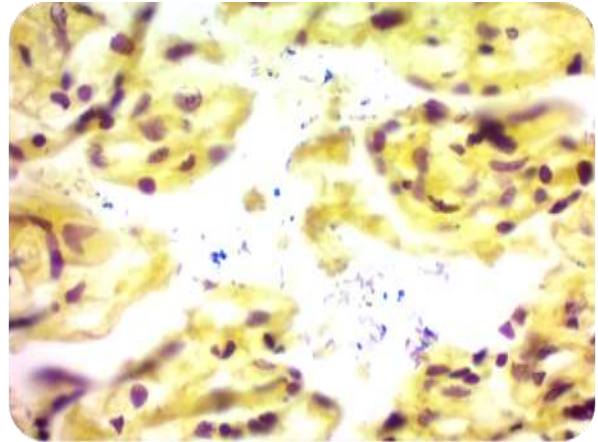
Crystal Violet Solution (0.5%)

Description: *Crystal Violet Solutions are the standard dye for staining gram positive bacteria.*

Gram Positive Bacteria: Blue

Uses/Limitations: *Not to be taken internally.
For In-Vitro Diagnostic use only.
Histological applications.
Do not use if reagents become cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.*

Control Tissue: *Any well fixed tissue section.
Air dried smear.*



Precautions: *Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.*


Procedure:


- 1. Deparaffinize sections if necessary and hydrate to distilled water.*
- 2. Apply adequate Crystal Violet Solution to completely cover tissue section and incubate for 1-3 minute(s).*
- 3. Rinse slide in distilled water to remove excess stain.*
- 4. Continue with desired gram staining protocol.*

Other Notes: *Gram positive bacteria that are dying, dead or being treated with antibiotics may stain variably (red).*


References:

- 1. Sheehan, DC., Hrapchak, BB. Theory and Practice of Histotechnology; 1980, page 235.*
- 2. Su, R.J., Wang, P. Role of Gram stain in microbiological laboratories with limited resources. Reviews in Medical Microbiology. July 2011, Volume 22, Issue 3: pages 41-44. Doi: 10.1097/MRM.0b013e3283478a08.*
- 3. Marira, J., Surekha, Y, Asangi, K.S., Suresh, B.S., Ramesh, S. Sputum Gram Stain Assessment in Relation to Sputum Culture for Respiratory Tract Infections in a Tertiary Care Hospital. Journal of Clinical and Diagnostic Research. December 2011, Volume 5(8): pages 1699-1700.*

Storage: 18° C  25° C

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