

Brown – Brenn Modified Gram Stain

Using Gram, Brown-Brenn Modified Stain Kit, Newcomer Supply cat#9123A

Procedure:

1. Deparaffinize and rehydrate slides to distilled water.
2. Stain in freshly filtered **Crystal Violet (solution A)** for **30 seconds**.
3. Rinse quickly until clear in distilled water, **4 dips**.
4. Stain slides in **Gram Iodine Solution (solution B)** for **1 minute**.
5. Rinse quickly until clear in distilled water, **4 dips**.
6. Decolorize samples in **Acetone-Alcohol 1:1 (solution C)** for **3 dips**.
7. Counterstain in **Basic Fuchsin (solution D)**, agitate slides and stain for **3 minutes**.
8. Rinse quickly until clear in distilled water, **4 dips**.
9. Dip once in **Acetone**.
10. Dip in **Picric Acid - Acetone (solution E)** **4 dips**.
11. Hold in **Acetone - Xylene (Solution F)** during differentiation.
12. Clear slides in 3 changes of xylene and cover slip.

Results:

Gram positive bacteria: blue

Gram negative bacteria: red

Nuclei: red

Background tissue: yellow

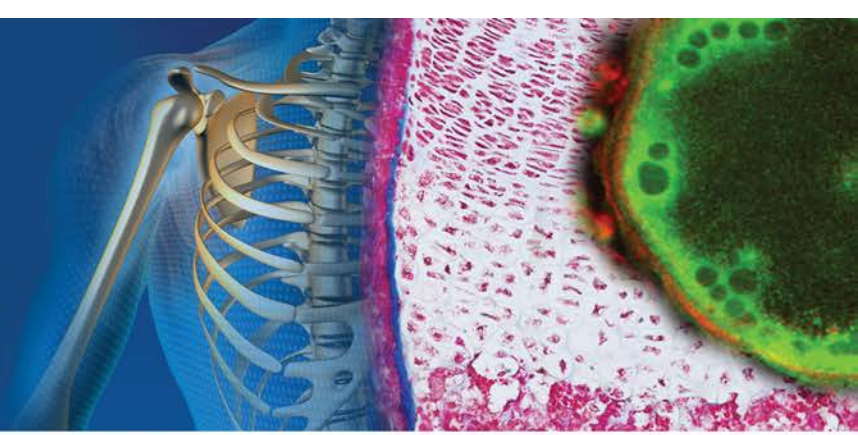
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