

**B-155 THOMAS' METHOD FOR MALARIAL
PARASITE**

Fixation: Any well fixed tissue.

Sections: Paraffin at 6 microns.

Staining:

1. Deparaffinize and hydrate to distilled water.
2. Stain for 2 minutes in **Phloxine B Solution, 0.5%** (B-155-1). Rinse well in distilled water.
3. Stain for 1 minute in **Methylene Blue-Azure B Solution** (B-155-2).
4. Differentiate in **Acetic Acid, 0.2%** (B-155-3)
5. Complete the differentiation in three changes of 95% alcohol.
6. Dehydrate in absolute alcohol and clear in xylene, two changes each.
7. Mount with **Permount** (M-18).

Staining Results

Nuclei	Blue
Plasma Cell Cytoplasm	Blue
Malarial Parasites	Blue
Erythrocytes	Pink
Other tissue elements	Shades of rose to red

References:

Thomas, J.T Stain Techn. 28:311-312., 1953.

Luna, L.G. (ed.) Manual of Histologic Staining Methods of the AFIP, 3rd edition, McGraw-Hill, N.Y., p. 129. c.1968.