

Pearse's Method for Phospholipids

Catalog #: 26516-Series

Fixation:

Bakers Calcium Cadmium Formal.

Sections:

Paraffin @ 6 microns

Staining Procedures:

1. Deparaffinize and place in absolute alcohol.
2. Stain in Luxol Fast Blue Solution (#26516-01) overnight at 58°C. Rinse in 70% Alcohol and then rinse in distilled water.
3. Differentiate for 30 minutes to 2 hours in Lithium Carbonate, 0.05% (#26516-02). Rinse in distilled water.
4. Counterstain for 30 minutes in Neutral Red, 1% (#26516-03). Rinse in distilled water and blot dry.
5. Dehydrate in 95% alcohol, absolute alcohol and clear in xylene, two changes, two minutes each change.
6. Mount with Permount (#17986-01)

Stain Results:

Phospholipids	Blue
Nuclei and Nucleoli	Red
Early Lipofuchin, Eosinophil, Granules, Keratin, Keratohyalin, Human Elastic Tissues	Blur to Purple

References:

Pearse, A.G.E., J. Path. Bact., 70:554-557, 1995.

Luna, L.G. (ed). Manual of Histologic Staining Methods of the Armed Forces Institute of Pathology, 3rd ed., McGraw-Hill, N.Y., c. 1968, p.148.