

## **A-142      PAGE-GREEN METHOD FOR INCLUSION BODIES**

**Fixation:** Any good fixative of choice.

**Sections:** Cut paraffin at 6 microns

**Staining:**

1. Deparaffinize and hydrate to distilled water.
2. Stain for 3 to 5 minutes in **Harris' Hematoxylin** (A-142-2). Rinse in water.
3. Differentiate in **Acid Alcohol 1%** (A-142-3), until there is no hematoxylin in the cytoplasm of the cells - check under microscope. Wash in water.
4. Blue the sections in **Ammonia water 0.3%** (A-142-4) - check under microscope. Wash for 10 minutes in running water.
5. Stain for 1 minute in **Shorr's Staining Solution** (A-142-1).
6. Differentiate in 95% alcohol - check under microscope. Differentiation is complete when connective tissue is a clear light green.
7. Dehydrate in 95% alcohol, absolute alcohol, and clear in **Xylene** (C-120), two changes each.
8. Mount with **Permount** (M-18).

**Staining Results:**

Inclusion Bodies	Brilliant Red
Connective Tissue	Light Green
Elastic Tissue	Purplish Red
Muscle	Red
Keratin	Orange
Erythrocytes	Orange-red
Nuclei	Blue

**References:**

Page, W.G. and Green, R.C., Cornell Vet., 32:265-268, 1942

Luna, L.G. (ed.), Manual of Histologic Staining Methods of the AFIP, 3rd ed., McGraw-Hill, N.Y., p. 234, c. 1968