

ROWLEY  
BIOCHEMICAL  
INC.

DANVERS INDUSTRIAL PARK  
10 ELECTRONICS AVENUE,  
DANVERS MA 01923  
TEL: 978-739-4883 FAX: 978-739-5640  
www.rowleybio.com

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## G-480, DIAZO METHOD FOR ARGENTAFFIN GRANULES

**FIXATION:** 10% Buffered Neutral Formalin, (F-113)

**SECTION:** Paraffin @ 6 microns

### **STAINING PROCEDURE:**

1. Deparaffinize and hydrate to distilled water.
2. Bretamine working solution @ 4°C for 40-60 seconds. For working solution mix:  
5.0ml **Bretamine Fast Red B** (G-480-1)  
2.0ml **Lithium Carbonate 1.36%** (G-480-2)  
Let stand 6-8 minutes @ 4°C before use.
3. Rinse in two changes of distilled water.
4. **Mayer's Hematoxylin** (G-480-3) for 3 minutes.
5. Blue in tap water for 5 minutes. Rinse in two changes of **95% Alcohol** (G-480-4).
6. Dehydrate rapidly in **Absolute Alcohol** (D-10), clear in **Xylene** (C-120) two changes each.
7. Mount.

### **RESULTS:**

Argentaffin granules	Red
Background	Yellow
Nuclei	Blue

### **REFERENCES:**

AFIP Manual of Histological Staining Methods, 3<sup>rd</sup> ed., Ed. L. Luna: New York:  
McGraw Hill Publications, c. 1968, p.100.  
Clayden, E.C.; Practical Section Cutting and Staining, 3<sup>rd</sup> Ed., London,  
W. Z., J. and A, Churchill, Ltd 1955, p.53.