

This procedure is available in kit form from:  
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cat# cy002

**ACETIC ORCEIN STAIN PROCEDURE**

**SOLUTIONS:**

1. Acetic Orcein Stain
2. Fast Green 0.03% Alcoholic

**STAINING PROCEDURE:**

1. Fix smears in Ethyl Alcohol 95% for 30 – 60 minutes.
2. Hydrate slides through 80%, 70% and 50% Alcohols and distilled water, 5 dips each.
3. Stain in Acetic Orcein Stain for 5 minutes. (A control slide should be used, as staining time in Acetic Orcein Stain may vary according to the age of the stain).
4. Wash for 10 seconds in distilled water.
5. Dehydrate in 50%, 70%, 80%, and 95% Alcohols, 5 dips each.
6. Stain in Fast Green 0.03% Alcoholic for 1 minute.
7. Wash in 95% Alcohol, Absolute Alcohol, Xylene-Alcohol 1:1, 5 dips each. Clear in Xylene for 5 minutes.
8. Coverslip with Poly Mount (cat# s2153) or any other acceptable mounting medium.

**RESULTS:**

Sex Chromatin .....Red  
Cytoplasm..... Pale Green