

This procedure is available in kit form from:
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cat# cy001

BIEBRICH SCARLET – FAST GREEN PROCEDURE

SOLUTIONS:

1. Biebrich Scarlet 1% Solution
2. Fast Green 0.5% Solution

STAINING PROCEDURE:

1. From fixative, transfer smear to 70% Alcohol for 2 minutes.
2. Stain in Biebrich Scarlet 1% Solution for 5 minutes.
3. Rinse in 50% Alcohol.
4. Differentiate in Fast Green 0.5% Solution for 2 – 5 hours. **During this step, check the differentiation under a microscope at hourly intervals. When all the cells reveal green cytoplasm, and the vesicular nuclei are also green, the reaction is complete, which is usually in approximately 4 hours. However, the pyknotic nuclei will not be differentiated and will be bright red.
5. Rinse in 50% Alcohol and let remain in the alcohol for 5 minutes.
6. Dehydrate in 70%, 95% and Absolute Alcohols for 2 minutes each.
7. Clear in 3 changes of Xylene for 2 minutes each.
8. Mount in neutral balsam or Poly Mount (cat# s2153).

RESULTS:

Nuclei Pale Green
Sex Chromatin Pink to Red