

QUIK-DIPä



INTENDED PURPOSE:

The Mercedes Medical QUIK-DIPä Hematology Stain is a manual, three part staining set for the rapid differential staining of routine blood smears. It is also useful for staining microbial organisms and spermatozoa. Consisting of a fixative, an acidophilic stain and a basophilic stain, QUIK-DIPä allows the staining of up to 50 slides in 30 seconds or less with results comparable to Wright's stain methods.

RECOMMENDED STAINING TECHNIQUE:

Slides may be stained individually or in groups of up to 50, using a Coplin jar or staining rack system.

1. Arrange the blood films in the staining rack. Slowly dip the rack 5 times in Reagent #1 for duration of about 1-2 seconds per dip. Drain on absorbent paper.
2. Transfer the rack to Reagent #2, dipping slowly, as in previous step, 5 times. Drain on absorbent paper.
3. Transfer the rack to Reagent #3, dipping slowly, as in previous steps, 5 times.
4. Rinse rack under running water and allow slides to air dry.

EXPECTED RESULTS:

Since QUIK-DIPä Hematology Stain is a manual three-part system, variations in stain intensity will vary according to individual technique and staining times. By varying the number of dips in #2 or #3, different intensities of reds and purples may be obtained. A good guideline for perfect staining is to examine the platelets, which should be clearly visible, but not over-stained. Eosinophils have brilliant red granules. Neutrophils have intensely purple nuclei, and granules, if present, will be evident. Lymphocytes and monocytes show characteristic morphology, and platelets should be plainly visible.

Bone marrow smears should be dipped at least 10 times in each solution and individual user preferences established.

Keep staining dishes covered to avoid evaporation. Depending on frequency of use, carry-over from solution to solution may affect desired results. It is recommended that you establish and maintain routine intervals for changing out the stain in your staining jars.

ORDERING INFORMATION:

Available in a 3x1 gallon set (Item #MER 1001) or in a 3x1 quart set (Item # MER 1002)

Contact Mercedes Medical at 800.331.2716 or fax at 800.359.8807