

DESCRIPTION

A single-step procedure for differentiation of morphological cell types in peripheral blood smears. Also stains microorganisms and spermatozoa. The staining characteristics are similar to the traditional Wright's and Wright's Giemsa stains. QUICK I offers the flexibility of a 30 to 60 second immersion staining sequence in stain and DI water.

STORAGE CONDITIONS

Store at controlled room temperature (15-30°C). Keep bottle tightly closed when not in use. Do not use after expiration date specified on box label. **Indication of deterioration:** Excessive precipitation present in the stain solution is an indication of contamination and/or degradation.

SPECIMEN COLLECTION AND PREPARATION

Smears prepared from fresh uncoagulated venous or arterial blood should be air-dried. If the smears are not prepared immediately, 2mgs of EDTA/mL of blood sample should be added to prevent coagulation

PROCEDURE

Materials Not Provided: Coplin Jar/Staining Dish
Microscope Slides/Immersion Oil

1. Transfer Stain Solution into coplin jar or staining dish and keep covered when not in use.
2. Prepare slides as instructed under Specimen Collection.
3. Immerse each slide to be processed for 30 to 60 seconds into the Stain Solution. Briefly, allow excess stain to drain or blot slide.
4. Place slide into DI water for up to 2 minutes.
5. Rinse slides with deionized water and allow to air dry. Examine using immersion oil.

NOTE: Staining intensity may be varied slightly by increasing or decreasing the immersion time in Quick I•red Wright's or Quick I•blue Wright-Giemsa Stain Solution. For a more basophilic result (blue intensity), increase the immersion time in the Stain and DI water. Ideally, 30 to 60 seconds in the Stain Solution and 2 minutes in the DI water will produce the desired results. Any variation of the procedure other than described above may adversely affect the results.

STAINED SPECIMEN RESULTS

Specimen	Nucleus	Granules	Cytoplasm
Erythrocytes	NA	NA	pink
Leucocytes Granular Polymorphonuclear			
Neutrophils	purple	red-lilac	light pink
Eosinophils	dark blue	red/orange	medium blue
Basophils	dark blue	dark purple	light blue
Leucocytes Nongranular			
Monocytes	violet	NA	light blue
Lymphocytes	violet	NA	medium blue
Platelets	NA	purple	lilac
Microorganisms	blue/violet	NA	NA
Spermatozoa	dark blue		

PRECAUTIONS

Quick I• red Wright's or Quick I• blue Wright-Giemsa are fast stain solutions which contain methyl alcohol and are Flammable Liquids.

DANGER – Poison May Be Fatal or Cause Blindness if Swallowed. Vapor is Harmful and Will Cause Eye Irritation.

Do not breathe vapor. Avoid contact with eyes, skin, or clothing. Keep container closed. Use with adequate ventilation. Keep from heat, sparks and open flame. Wash thoroughly after handling. **CANNOT BE MADE NONPOISONOUS**

First Aid: If swallowed, call a physician immediately. In case of contact with eyes, immediately flush with water for 15 minutes and notify a physician. Wash exposed areas thoroughly after handling.

All products are warranted to perform as described in their labeling and corresponding literature. All other warranties expressed or implied, including the warranty of merchantability and fitness for use are excluded. In no event shall Astral Diagnostics be liable for any indirect or consequential damages.

ORDERING INFORMATION

Cat. #	Description	Sizes
5131	Quick I Red, (Wright's)	16oz, 32oz, 1 Gal
5233	Quick I Blue, (Wright-Giemsa)	1 Gal, 5 packs
5231	Quick I Blue, (Wright-Giemsa)	16oz, 32oz

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