

medilines

SUDAN COLOUR

DESIGN TO DEMONSTRATE Neutrophil Granules in Blood or Bone Marrow Smears. Identification of specific leukemias, particularly acute myelocytic and myelomonocytic leukemias.

REAGENTS & PREPARATIONS

Sudan Solution – 1	: Ready to use. Store at 2–6°C
Sudan Solution – 2	: Ready to use. Store at cold place
Sudan Solution – 3	: Ready to use. Store at cold place

SPECIMEN COLLECTION & PREPARATION

Prepare whole / anticoagulated blood or bone marrow smears.

STAINING PROCEDURE

1. Cool Sudan **Solution – 1** to refrigerator (2-6° C)
2. Fixed the dried smears with **Sudan Solution – 1** for two minute at 2-6 C with gentle agitation followed by thorough rinsing in deionized water.
3. Stain in **Sudan Solution – 2** by immersion for 10 minutes with intermittent agitation.
4. Rinse 3 or more times in **70% ethanol** until no more dye washes out. This is followed by thorough rinsing in distilled water.
5. Counter stain in **Sudan Solution – 3** for 5 minutes followed by thorough rinsing in tap water.
6. After air-drying, slides may be mounted in a xylene based mounting medium.

QUALITY CONTROL

It is recommended that blood films prepared from healthy donors be processed along with patient samples as a system-performance check.

INTERFERING SUBSTANCES

Inappropriate fixatives or anticoagulants, clotted specimen, inadequate spicules.

medilines

medilines@medilines.com