

Dia-Red Panoptic

IVD

STAINING REAGENT

Cat. No.: h26103

1 L bottle

PRODUCT NAME

Dia-Red Panoptic

INTENDED USE

(For In Vitro Diagnostic Use Only)

Dia-Red Panoptic is a ready to use staining reagent for the staining of whole blood sample smears for microscopic examinations.

SUMMARY AND PRINCIPLE

Microscopic examination of blood samples is performed routinely in hospital laboratories for examination of cell morphologies and differential blood cell counting. Staining procedures for microscopic examinations are performed in four steps: blood sample smearing, fixing, staining and drying. Dia-Fix Panoptic is a fixing reagent containing methyl alcohol for the fixing whole blood cells. Blood smears fixed with Dia-Fix Panoptic can then be stained successively with a Dia-Red Panoptic and Dia-Blue Panoptic. Dia-Red Panoptic staining reagent contains an eosin dye for the staining of eosinophil cells red. Dia-Blue Panoptic staining reagent contains a basic dye for the staining of basophil cells blue.

ACTIVE INGREDIENTS

organic buffer	< 2 %
dye	< 0,5 %



PRECAUTIONS

- When using the staining reagent avoid contact with skin and clothing. This reagent contains fluorescent dyes which will stain skin, clothing and any other surface. Wear gloves and lab coat for protection. Avoid contact with skin and eyes. In case of skin contact rinse immediately with plenty of water. In case of eye contact wash out with plenty of water and seek medical advice.
- Specimens, samples and all materials coming into contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
- Do not use reagent beyond the expiration date printed on the label.
- Use Good Laboratory Practices (GLP) when handling these reagents.



INSTRUCTION FOR USE

1. Person installing the reagent must be a trained laboratory professional.
2. Pour the fixing and staining reagent into a flat dish.
3. Prepare a blood smear on a microscope slide. Air dry the smear and immerse it into Dia-Fix Panoptic reagent for 1 sec., 5-10 times.
4. Immerse the fixed smear into Dia-Red Panoptic for 1sec., 3-15 times to stain eosinophil cells. Repeat the this same procedure with Dia-Blue Panoptic staing reagent to stain basophil.
5. Rinse slides gently with distilled water and air dry.



STORAGE AND STABILITY

The reagent has an unopened stability of 18 months from date of manufacture when stored at 15–35°C in a dark place. See package label for expiry date. Reagent displaying any signs of contamination or instability, as indicated by cloudiness or color change, should be replaced. DO NOT use reagent once frozen.

Once installed on the instrument the reagent is stable for 60 days.

LIMITATIONS

Reagent has to be used within the ambient temperature range of 15–35°C. Measured parameters may be inaccurate due to the influence of abnormal samples. Consult the Operator's Manual for indications of these conditions. Confirm any measured or computed parameter by the reference methods if these conditions are indicated.

MATERIALS REQUIRED BUT NOT PROVIDED

- Microscope
- Dia-Fix Panoptic
Cat. No.: h26101 1 L
- Dia-Blue Panoptic
Cat. No.: h26102 1 L
- Microscope slides / cover
- Flat staining dishes
- Protective ware (gloves, lab coat, lab glass)

SPECIMEN REQUIREMENTS

Dia-Red Panoptic is intended for use with blood specimens collected by vein puncture in EDTA anticoagulant. Specimens for hematological analysis may be stored for up to 8 hours at 16-30⁰C or up to 24 hours after collection when refrigerated (2-8⁰C).



MANUFACTURER

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