



INTENDED USE

Diluent-NK is a buffered, stabilized and micro-filtered electrolyte reagent, for the automated dilution of human blood samples, quantitative and qualitative determination of Erythrocytes (RBCs), Leucocytes (WBCs), Leucocytes sub-populations, Thrombocytes (PLTs) and the measurement of Hemoglobin (HGB) concentration, using 3 part Nihon Kohden Hematology analyzers.

Please refer to the analyzer's User Manual for further information.

ACTIVE INGREDIENTS

Potassium Buffer: 1.5%, Sodium Sulphate: 1.4%, Sodium Chloride: 1.5%, Preservative: 0.01%

DIRECTIONS FOR USE

1. Personnel installing the reagent, should be a trained laboratory professional.
2. Open the container cover, pull the connector of the container out and connect it with the corresponding Diluent tubing as per instructions given in the analyzer's User Manual.
3. Avoid contamination of the tubing and the reagent.
4. Do not pour and mix the remains of a reagent from a container, into another one.
5. Prime thoroughly with the new reagent and measure background values according to the analyzer's User Manual.
6. When installing a new lot of the reagent, recalibrate the instrument as specified in the User Manual.

PRECAUTIONS

- a. Diluent – NK, is for *in vitro* diagnostic use only.
- b. Diluent-NK is environmental friendly and does not contain harmful ingredients.
- c. Do not inhale the reagent or pipette by mouth.
- d. Avoid contact with skin/eyes. In case of contact, wash off immediately with plenty of water and seek medical attention, as early as possible.
- e. Do not use if package is damaged.
- f. Keep the reagent container closed when not in use.
- g. Wear protective gloves when handling the reagent.
- h. Please refer to the MSDS associated with the reagent.
- i. Use Good Laboratory Practices (GLP) when handling the reagent.

SPECIMEN COLLECTION AND STORAGE

Blood specimens should be collected by vein puncture in EDTA anticoagulant.

Specimens for hematological analysis may be stored at 15° – 30°C for 2 – 4 hours or at 2° – 8°C for 24 hours after collection.

REAGENT PREPARATION

This reagent is ready for use and can be connected to the analyzer straight from the container; no special reagent preparation is required.

STORAGE, STABILITY AND DISPOSAL

- Store Diluent - NK between 15° and 30°C.
- The unopened reagent is stable up to the expiry date mentioned on the label when stored between 15°C – 30°C.
- Use Diluent - NK within 06 months of first opening.
- Do not use reagent beyond the expiry date printed on the container label.
- Discard opened container after 06 months.
- Do not use reagent once frozen.
- Dispose waste product in accordance with local Government regulations.

Manufactured by:

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