

BioDil RET

reticulocyte buffer for automated hematology analysis

Product code: **D021** 1 L

For in vitro diagnostic use only

INTENDED USE

BioDil RET reticulocyte buffer is a buffered, stabilized and microfiltered electrolyte solution for human blood samples for automated dilution and quantification of reticulocytes (RET) and platelets (PLT) on Sysmex XE-2100, XE-5000, XT-1800i, XT-2000i, XT-4000i hematology analyzers.

BioDil RET reticulocyte reagent should be used with only BioXol reagents. Erroneous results may be obtained if the reagent is applied with third party reagents

Please refer to the instrument's User Manual for further information

INGREDIENTS

surfactants..... < 0,4 %
Buffers < 1,8 %
Stabilizers < 0,8 %
Preservatives < 0,5 %

in ion-free water

HANDLING PRECAUTIONS

- BioDil RET reticulocyte buffer is environmental friendly; azid-free, does not contain harmful ingredients.
- Avoid contact with eyes, skin and clothing.
- In case of eye or skin contact flush eyes with copious amounts of water for several minutes or wash skin area with water.
- Keep the reagent container closed when not in use.
- Wear laboratory gloves when handling the reagent.
- All body fluid samples should be considered potentially infectious materials. Treat all blood and other potentially infectious materials with appropriate precautions. Use gloves, masks and gowns if blood exposure is anticipated.
- Please refer to the MSDS associated with the reagent.
- Use Good Laboratory Practices (GLP) when handling the reagents

SPECIMEN COLLECTION AND PREPARATION

BioDil RET buffer 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 15-30°C or up to 24 hours after collection when refrigerated (2-8°C)

REAGENT PREPARATION

- This reagent is ready for use and can be applied straight from the container; no special reagent preparation is necessary.
- Leave the reagent to reach the room temperature

REAGENT APPLICATION

- Reagents can only be replaced by a properly trained laboratory technician.
- Remove the cap of the container of the reagent to be replaced. Connect the device suction tube to the new reagent container.
- Make sure that the color markings on the piping, the label of the reagent container and the connector on the device match.
- Microbiological and dust contamination of pipelines and reagents must be avoided. Reagent left in a storage container must not be poured into another container and mixed.
- The new reagent must be absorbed thoroughly and background values must be measured.
- After absorbing a new production number reagent, the device in the User's Manual must be recalibrated as described.

REAGENT STORAGE, STABILITY AND DISPOSAL

- Store BioDil RET buffer between +2 and +35°C
- The shelf life of the BioDil RET is 2 years from the date of manufacture, if stored at the prescribed temperature range.
- Do not use reagent beyond the expiration date printed on the container label.
- The open container stability of the reagent is 3 monthth.
- Do not use reagent once frozen.
- Dispose of waste product, unused product and contaminated packaging in compliance with local regulations.

MANUFACTURER

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