Diatro•Dil-5P
diluent for automated analysis

Product code:  D1511  10 L
              D1512  20 L

For in vitro diagnostic use only

INTENDED USE
Diatro•Dil-5P diluent is a buffered, stabilized and micro-
filtered electrolyte solution for automated dilution of human
blood samples, quantitative and qualitative determination of
erthrocytes (RBC), leukocytes (WBC) and the leukocyte
subpopulations, thrombocytes (PLT) and measurement of
hemoglobin (HGB) concentration on Diatron Abacus 5,
Abacus 380 hematology analyzers.
Diatro•Dil-5P diluent should be used with only Diatron
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
Sodium chloride..............................................<1 %
Buffers .........................................................<1.1 %
Preservative ....................................................<0.4 %
Stabilizers.......................................................<0.4 %
in ion-free water

HANDLING PRECAUTIONS
- Diatro•Dil-5P diluent is environmental friendly, azide-free
  reagent; 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
Diatro•Dil-5P reagent 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 at room temperature for at least 12
  hours.

REAGENT REPLACEMENT
- Person installing the reagent must be a trained laboratory
  professional.
- Remove the inlet cap from the reagent container to be
  replaced. Connect the reagent inlet to the new reagent
  container.
- Be sure that the colour on each tube, reagent container
  label and connector in the back of the instrument match.
- Avoid any dust or microbial contamination of the tubing and
  reagents. Do not pour and mix the remains of a reagent
  from a container into other one.
- Prime thoroughly the new reagent and measure
  backgrounds according to the instrument’s User Manual.
- When installing a new lot of reagent, recalibrate the
  instrument as specified in your User Manual.

REAGENT STORAGE, STABILITY AND DISPOSAL
- Store Diatro•Dil-5P diluent between 15 and 30°C.
- The shelf life of the Diatro•Dil-5P is 36 months 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.
- Discard opened container after 120 days.
- Do not use reagent once frozen.
- Dispose of waste product, unused product and
  contaminated packaging in compliance with local
  regulations.

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Printing date 01.07.2016
version 3.4
Reviewed on 01.07.2016