

## INTRODUCTION FOR USE

### BioStain W5P

fluorescent WBC-5-diff dye for automated hematology analysis

Product code: **S028** 42 mL

For in vitro diagnostic use only

#### INTENDED USE

BioStain W5P fluorescent WBC-5-diff dye is a ready-to-use fluorescent dye-reagent for the quantification and differentiation of leukocytes (WBC) into 5 size ranges (LYM, MONO, NEU, EO, BA) on Sysmex XE-2100, XE-5000, XT-1800i, XT-2000i, XT- 4000i, XS-800i, XS-1000i hematology analyzers.

BioStain W5P fluorescent WBC-5-diff dye 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.

#### INTENDED USE

Dye..... < 1,5 %

Stabilizers ..... < 99,0 %

#### HANDLING PRECAUTIONS

- BioStain W5P fluorescent WBC-5-diff dye is environmental friendly.
- 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.
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#### SPECIMEN COLLECTION AND PREPARATION

BioStain W5P fluorescent WBC-5-diff dye 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 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.

#### REAGENT STORAGE, STABILITY AND DISPOSAL

- Store BioStain W5P fluorescent WBC-5-diff dye between +2 and +35°C.
- The shelf life of the BioStain W5P fluorescent WBC-5-diff dye 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 6 months.
- Thaw frozen reagent and homogenize well before use by shaking.
- Dispose of waste product, unused product and contaminated packaging in compliance with local regulations.

#### MANUFACTURER

BioXol Kft.

Budapest

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