

## SPEC

1×1L; 1×5L; 1×10L; 1×20L;

## INTENDED USE

The Diluent is used for counting and sizing blood cells.

## PRINCIPLE

This diluent provides an environment similar with plasma to ensure that the volume of blood cells does not change within a certain time, and provides a conductive environment for blood cell count.

## COMPONENT

This product consists of diluent, a diluent bottle, and a package insert.

Diluent: Boracic acid (0.1%), NaCl (0.8%) and purified water.

## STORAGE AND VALIDITY

Store at 4 ~ 30°C. Do not freeze. Valid for 24 months.

Once opened, the reagents are stable for 60 days.

## SYSTEM INFORMATION

Hematology Analyzer.

## TEST METHOD

1. Remove screw caps from reagent cartridges.
2. Replace tubes from used cartridge to the newly one. Be careful, avoid cross contamination.
3. Perform the procedure for replacing the diluent.

## PERFORMANCE INDICATOR

- Appearance: Each component should be complete; solution should be clear liquid, no precipitate, particles or flocculants; label should be clear and easy to identify.
- Weight: should not below the value indicated on the label.  
pH=7.20±0.20.
- Electrical Conductance:  $\rho=1730\pm50$  mS/m
- Osmotic Concentration:  $320\pm10$  mmol/L (mOsm/kg)
- Particle Count: for volume $\geq 2.5$  fL, blood count should be below  $2.5\times 10^5/L$ .
- 7. Accuracy: the relative deviation for White Blood Cell (WBC) = $\pm 7.5\%$ ; Red Blood Cell (RBC)= $\pm 3.0\%$ ; Platelet(PLT)= $\pm 12.5\%$ ; Hemoglobin(HGB)= $\pm 3.5\%$ ; MCV/HCT= $\pm 3.0\%$ .

## PRECAUTION

1. Do not ingest. Harmful if swallowed. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
2. The disposal of all waste liquid should be in accordance with laws and regulations.
3. Avoid freezing during transportation and storage.

4. Check before use, don't use if the flocculent sedimentation, turbidity and other pollution phenomenon appear.
5. Don't expose without cover for a long time.

## GENERAL INFORMATION

Supplier/manufacturer: Zybio Inc.

Address: Floor 1 to Floor 4, Building 30, No.6 of Taika Road, Block C of Jianqiao Industrial Park, Dadukou District, Chongqing, China 400082

## ISSUE DATE

Please see the label.



## Diluent

Latex Enhanced Turbidimetric Immuno Assay



Manufactured in India by :

**AVECON™ Healthcare Pvt. Ltd.**  
Transforming Research into Innovations

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