

# Operation Instruction for Lytic Reagent

**【NAME】** Lytic Reagent

**【MODEL】** URIT L 21

## **【STRUCTURE AND FUNCTIONS】**

Lytic Reagent has the functions of lysing the red cell promptly and releasing the hemoglobin to keep the white cell counting from the interference of the red cell fragments. Meanwhile it converts hemoglobin to be a steady colored hemo-compound released from the red cell, thus make for measuring the concentration of hemoglobin.

The Lytic Reagent preserves the integration of the white cell as much as possible that will make for account and identification of the white cell.

**【INGREDIENTS】** chloride, sulfate, preservative solution, anticoagulant, buffer solution and the quaternium.

## **【INTENDED USE】**

Lytic Reagent is appropriate to series of URIT automated hematology analyzers. With the function of measuring the blood cell content, it has an important effect to clinical diagnosis.

## **【OPERATIONAL PROCEDURE】**

1) Connect Lytic Reagent to tubing interface which marked "LYSE" on the rear panel of the instrument.

2) Instrument adds diluent and Lytic Reagent automatically when measuring with automated hematology analyzer.

3) Measurement results printed out by outer printer or inner thermal recorder.

Read the instruction manual carefully and follow the directions when using any mode analyzer.

## **【RESTRICTION, PRECAUTION AND NOTICE】**

1) Make sure that the using Lytic Reagent is available for your analyzer, any mismatch will lead to misleading results.

2) Use the Lytic Reagent under the professional technician's guidance.

3) Avoid contact with skin and eyes. In case of contact, flush immediately with plenty of water or seek medical advice.

- 4) Avoid inhaling the evaporated Lytic Reagent.
- 5) Concerning the sifting-out WBC identification, suggest performing manual coloration classification with microscope if the sample shows unusual results (such as WBC or RBC exorbitant and over-low.)

#### 【STORAGE AND SHELF LIFE】

- 1) With 24 months of shelf-life stored at room temperature.
- 2) Store in a dark place, avoid exposing to direct sunlight.
- 3) Tight up the container's cap to prevent from volatilization and contamination.
- 4) Keep the Lytic Reagent from freezing.
- 5) Dispose the remains after 60 days of use after unscrewing the Lytic Reagent container.

#### 【EXPLANATIONS FOR FIGURES, SYMBOLS AND THE ABBREVIATIONS ON THE LABEL】

 USE BY  BATCH CODE  DO NOT REUSE  KEEP AWAY FROM SUNLIGHT

 UPPER LIMIT OF TEMPERATURE  CONSULT INSTRUCTIONS FOR USE

 IN VITRO DIAGNOSTIC MEDICAL DEVICE  MANUFACTURE

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