

COULTER®
A^c•T™ 5diff Hgb Lyse

REF 8547168

PN 772262-AA



For In Vitro Diagnostic Use

INTENDED USE

For use as an erythrocyte lytic reagent for the quantitative determination of hemoglobin on COULTER A^c•T 5diff hematology analyzers. Intended for use only with specific A^c•T 5diff reagents. Refer to your instrument product manuals and/or online help, as applicable.

SUMMARY

COULTER A^c•T 5diff Hgb Lyse reagent is used as a lytic agent to prepare a diluted whole blood sample for the quantitative determination of hemoglobin.

PRINCIPLES

COULTER AC•T 5diff Hgb Lyse reagent is a clear, aqueous solution containing potassium cyanide and quaternary ammonium salts.

When the lytic reagent is added to a diluted whole-blood sample, the surface-active properties of the quaternary ammonium salts destroy the red cell membranes, thus lysing the red blood cells (stromatolysis) and releasing the hemoglobin. The free hemoglobin chemically reacts with the potassium cyanide to form a suitable chromagen hemoglobin determination.

REACTIVE INGREDIENTS

Potassium Cyanide0.03%
Quaternary Ammonium Salts.....2.67%

WARNINGS

- Product contains <2% Isopropyl Alcohol and <2% Quaternary Ammonium Salts.
- Irritating to eyes.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Do not inhale and/or ingest.
- DO NOT REUSE CONTAINER.

STORAGE, STABILITY, AND DISPOSAL

- Store and use COULTER A^c•T 5diff Hgb Lyse at 18-25°C.
- Do not use product past expiration date.
- Opened containers are stable for 3 months when used at 18-25°C. Stability only applies to the reagent when connected to the instrument with an approved reagent pickup tube and cap.
- Dispose of waste product, unused product, and contaminated packaging in compliance with federal, state, and local regulations.
- DISCARD PRODUCT IF FROZEN.

PREPARATION

COULTER A^c•T 5diff Hgb Lyse is ready to use. Replace the reagent container as directed in your instrument product manuals and/or online help.

IMPORTANT: DO NOT USE this product if it has been partially or completely frozen. Dispose of product in compliance with federal, state, and local regulations.

PRODUCT AVAILABILITY

COULTER A^c•T 5diff Hgb Lyse - 1 x 400 mL
REF 8547168

TRADEMARKS

A^c•T, Beckman Coulter Logo, and COULTER are trademarks of Beckman Coulter, Inc.

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For additional information or if damaged product is received, call Beckman Coulter Customer Service at 800-526-7694 (USA or Canada) or contact your local Beckman Coulter Representative.

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