Lab Dept: Hematology
Test Name: HEINZ BODY STAIN

General Information

Lab Order Codes: HB

Synonyms: Stain for Heinz Bodies; Stain for unstable hemoglobin; G-6-PDH, Qualitative

CPT Codes: 85441 – Heinz bodies; direct

Test Includes: Staining of red cells for aggregates of denatured hemoglobin (Heinz bodies).

Logistics

Test Indications: Evaluate hemolytic anemias with RBC enzyme deficiencies (eg, GG PD deficiency), hemoglobin, congenital Heinz Body hemolytic anemia (CHBHA). Perform when many “bite cells” are seen on routine peripheral blood smears.

Lab Testing Sections: Hematology - Sendout

Referred to: Allina Central Lab (Test: 837)

Phone Numbers: MIN Lab: 612-813-6280
STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 - 2 days; performed daily

Special Instructions: Specimens drawn before transfusion are preferred.

Specimen

Specimen Type: Whole blood

Container: Lavender top (EDTA) tube

Draw Volume: 2.7 blood

Processed Volume: Same as Draw Volume
Collection: Routine blood collection. Mix specimen thoroughly by gentle inversion.

Special Processing: Lab Staff: Do Not centrifuge. Specimen should remain in original collection container. Store and ship at refrigerated temperatures. Forward promptly. Specimens are stable 48 hours, refrigerated.

Patient Preparation: None

Sample Rejection: Improper tube; clotted tube; hemolyzed specimen; mislabeled or unlabeled specimens; specimen older than 48 hrs

Interpretive

Reference Range: 0.0% Heinz Bodies Seen

Critical Values: N/A

Limitations: N/A

Methodology: Supravital staining with basic dyes and microscopic examination

Contraindications: Recent transfusion


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