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**Lab Dept:** Hematology

**Test Name:** HEINZ BODY STAIN

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***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).

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***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.

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***Specimen***

**Specimen Type:** Whole blood

**Container:** Lavender top (EDTA) tube

**Draw Volume:** 2.7 blood

**Processed Volume:** Same as Draw Volume

<b>Collection:</b>	Routine blood collection. Mix specimen thoroughly by gentle inversion.
<b>Special Processing:</b>	Lab Staff: <b>Do Not</b> centrifuge. Specimen should remain in original collection container. Store and ship at refrigerated temperatures. Forward promptly. Specimens are stable 48 hours, refrigerated.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Improper tube; clotted tube; hemolyzed specimen; mislabeled or unlabeled specimens; specimen older than 48 hrs

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### ***Interpretive***

<b>Reference Range:</b>	0.0% Heinz Bodies Seen
<b>Critical Values:</b>	N/A
<b>Limitations:</b>	N/A
<b>Methodology:</b>	Supravital staining with basic dyes and microscopic examination
<b>Contraindications:</b>	Recent transfusion
<b>References:</b>	Schwab (1969) An Improved Stain for Heinz Bodies, AJCP 51:5, 673-5 <a href="#">Allina Health Central Laboratory</a> May 2016