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
References:	Schwab (1969) An Improved Stain for Heinz Bodies, AJCP 51:5, 673-5
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