

HEMOGLOBIN
GENE
SEQUENCING

Orderable - HGS

Turnaround Time: 9 weeks

Alternate Name(s):

HGS

Specimen:

Peripheral Blood:

Adult	Pediatric
4 mL K2 or K3 EDTA Lavender top Vacutainer tube	0-2 years: Lavender 1.0 pk., Red 0.5 pk
5 mL Red top Vacutainer tube	2-10 years: 2 mL Lavender top, 2 mL Red

Collection Information:

Specimen should be transported at room temperature, stored at 2-8°C prior to testing.

Reference Ranges:

See report

Interpretive Comments:

Screening procedure prior to sending HGS testing includes CBC, serum Ferritin level, Hemoglobin Electrophoresis with quantitation of hemoglobin fractions, and when indicated, HbS Solubility test, or HbH Preparation.

Special Processing:

Attach Phoresis scan and CBC and Ferritin chart to requisition



Laboratory:

Clinical Immunology Lab



Requisition:

[Hamilton Molecular
Diagnostic Genetics
Requisition](#)



Method of Analysis:




Test Schedule:

Referred out weekly



Referred To:

McMaster University
Medical Centre
Molecular Genetics
Laboratory, Room 2N22
1200 Main Street West,
Hamilton, ON L8N 3Z5
Telephone: 905-521-2100
ex.76944
Fax: 905-521-7913
Email:
moleculargenetics@hhsc.
ca



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Critical Information Required:

Available pertinent familial history (ethnic origin, known affected family members)

Storage and Shipment:

Ship sample at room temperature.

Store specimen at 2°-8° Celsius prior to testing.