



Pathology and Laboratory Medicine

HEMOGLOBIN GENE SEQUENCING

# Orderable - HGS

Turnaround Time: 9 weeks

### **Alternate Name(s):**

HGS



#### Laboratory:

Clinical Immunology Lab



#### Requisition:

Hamilton Molecular
Diagnostic Genetics
Requisition



Method of Analysis:

### **Specimen:**

#### Peripheral Blood:

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

# **Collection Information:**

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



#### **Test Schedule:**

Referred out weekly

# **Reference Ranges:**

See report



#### 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.

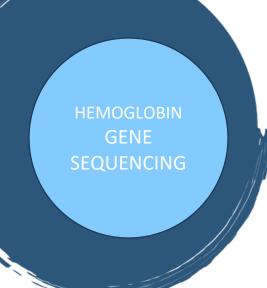
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# **Interpretive Comments:**

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







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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.