HEMOGLOBIN GENE SEQUENCING

Orderable - HGS
Turnaround Time: 9 weeks

Alternate Name(s):
HGS

Specimen:
Peripheral Blood:

<table>
<thead>
<tr>
<th>Adult</th>
<th>Pediatric</th>
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<tbody>
<tr>
<td>4 mL K2 or K3 EDTA</td>
<td>0-2 years: Lavender 1.0 pk., Red 0.5 pk</td>
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<tr>
<td>Lavender top Vacutainer tube</td>
<td>2-10 years: 2 mL Lavender top, 2 mL Red</td>
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<tr>
<td>5 mL Red top Vacutainer tube</td>
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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
HEMOGLOBIN GENE SEQUENCING

**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.