**Orderable - TMS**

**Turn Around Time: 5 days**

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**Alternate Name(s):**

Enhanced First Trimester Screen (eFTS)
Integrated Prenatal Screen (IPS)
Triple Marker
Triple Screen
Down Syndrome Screen (Alphafetoprotein (Pregnancy))
Open Neural Tube Defect (ONTD)
Open Spina Bifida (OSB)

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**Specimen:**

<table>
<thead>
<tr>
<th>5 mL Gold top Vacutainer tube preferred</th>
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<tbody>
<tr>
<td>6 mL Red top Vacutainer is also accepted</td>
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<tr>
<td>Light Green top tubes (Li-heparin) or Lavender top tubes (EDTA) are not acceptable</td>
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</tbody>
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**Reference Ranges:**

Not available. Result depends on clinical information.

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**Interpretive Comments:**

Risks generated are dependent on accuracy and completeness of clinical information provided on the prenatal screening requisition form.

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**Special Processing:**

Once the blood has clotted and been centrifuged, transfer a minimum of 2 mL of serum to a labelled plastic transport tube.
MATERNAL SERUM SCREEN (for Open Neural Tube Defect and Down Syndrome Risks)

(Samples collected at LHSC are shipped to the NYGH MSS lab via LifeLabs)

**Comments:**
The NYGH MSS laboratory will fax results directly to the ordering provider and any other health care providers, as requested on the prenatal screening requisition form.

**Storage and Shipment:**
If serum has been collected before a weekend and will not be received by the NYGH MSS lab until after the weekend, the aliquoted serum should be frozen.

Refrigeration is acceptable if the serum will be received by the NYGH MSS lab within 1-2 days of collection.

NYGH Prenatal Screening Requisition Form should be shipped with the sample.