Lab Dept: Chemistry

Test Name: TRANSFERRIN

General Information

Lab Order Codes: TRAF
Synonyms: Siderophilin
CPT Codes: 84466 - Transferrin
Test Includes: Transferrin concentration reported in mg/dL.

Logistics

Test Indications: Transferrin is the principal plasma protein that carries iron from storage, usually in the liver, into the blood for use.
Lab Testing Sections: Chemistry (all specimens analyzed on the Mpls campus)
Phone Numbers:
MIN Lab: 612-813-6280
STP Lab: 651-220-6550
Test Availability: Daily, 24 hours
Turnaround Time: 1 day
Special Instructions: N/A

Specimen

Specimen Type: Blood
Container:
Green top (Lithium Heparin) tube, preferred
Alternate: Red, marble or gold top tube
Draw Volume: 0.6 mL blood
Processed Volume: 0.2 mL serum
Collection: Routine venipuncture
**Special Processing:** Lab Staff: Centrifuge specimen, remove plasma-serum aliquot into a plastic sample cup. Specimens can be stored at refrigerated temperatures for 7 days. Centrifuge turbid or particulate samples prior to analysis.

**Patient Preparation:** None

**Sample Rejection:** Mislabeled or unlabeled specimen; turbid samples that do not clear after centrifugation

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**Interpretive**

<table>
<thead>
<tr>
<th>Reference Range:</th>
<th>Age:</th>
<th>Range (mg/dL):</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;30 days:</td>
<td></td>
<td>91 - 269 mg/dL</td>
</tr>
<tr>
<td>1- 6 months:</td>
<td></td>
<td>265 - 370 mg/dL</td>
</tr>
<tr>
<td>7 - 12 months:</td>
<td></td>
<td>281 - 340 mg/dL</td>
</tr>
<tr>
<td>1 - 2 years:</td>
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<td>228 - 349 mg/dL</td>
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<tr>
<td>3 - 4 years:</td>
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<td>206 - 370 mg/dL</td>
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<tr>
<td>5 - 6 years:</td>
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<td>214 - 370 mg/dL</td>
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<tr>
<td>7 - 20 years:</td>
<td></td>
<td>235 - 374 mg/dL</td>
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<tr>
<td>&gt;20 years:</td>
<td></td>
<td>185 - 370 mg/dL</td>
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</tbody>
</table>

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Nephelometry Siemens Dimension Vista 500

**References:**

Siemens Dimension Vista Transferrin Flex Insert, P/N K7072G00E1405, Rev 3/2012

**Updates:** 2/9/2016: Update alt tube type