<table>
<thead>
<tr>
<th>Lab Dept:</th>
<th>Chemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Name:</td>
<td>INTERLEUKIN-4</td>
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</tbody>
</table>

**General Information**

- **Lab Order Codes:** IL4
- **Synonyms:** IL-4
- **CPT Codes:** 83520 - Immunoassay, analyte, quantitative; not otherwise specified
- **Test Includes:** Interleukin-4 level reported in pg/mL.

**Logistics**

- **Test Indications:** N/A
- **Lab Testing Sections:** Chemistry - Sendouts
- **Referred to:** Fairview University Diagnostic Laboratories (Test: IL4)
- **Phone Numbers:**
  - MIN Lab: 612-813-6280
  - STP Lab: 651-220-6550
- **Test Availability:** Daily, 24 hours
- **Turnaround Time:** 5 days, test performed Monday - Friday
- **Special Instructions:** N/A

**Specimen**

- **Specimen Type:** Blood (serum) or CSF
- **Container:**
  - Blood: Red top NO GEL tube
  - CSF: Screw-capped, sterile vial
- **Draw Volume:**
  - Blood: 3 mL
  - CSF: 2 mL
- **Processed Volume:**
  - Serum: Minimum: 1 mL
  - CSF: 1 mL (Minimum: 1 mL)
<table>
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<tr>
<th><strong>Collection:</strong></th>
<th>Routine venipuncture or CSF collection</th>
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</table>
| **Special Processing:** | Lab Staff:  
Allow sample to clot for 30 minutes before centrifugation. Centrifuge for 15 minutes at 1000-1500 g at room temperature, remove serum and aliquot into two vials with at least 500 uL per vial.  
Store (-70 degrees preferred) and ship at frozen temperatures. Forward promptly. |
| **Patient Preparation:** | None |
| **Sample Rejection:** | Gross hemolysis; stored at room temperature > 3 hours |

### Interpretive

| **Reference Range:** | Serum: $< 0.25$ pg/mL  
CSF: Reference range not determined |
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<tr>
<td><strong>Critical Values:</strong></td>
<td>N/A</td>
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<tr>
<td><strong>Limitations:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Methodology:</strong></td>
<td>Enzyme-linked immunosorbent assay</td>
</tr>
<tr>
<td><strong>References:</strong></td>
<td><a href="https://www.fairview.com/diagnosticlabs">Fairview Diagnostic Laboratories Web Page</a> December 2017</td>
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