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**Lab Dept:** Chemistry

**Test Name:** INTERFERON, GAMMA

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***General Information***

**Lab Order Codes:** IFNG

**Synonyms:** Gamma Interferon, IFN Gamma

**CPT Codes:** 83520 - Immunoassay, analyte, quantitative; not otherwise specified

**Test Includes:** N/A

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***Logistics***

**Test Indications:** N/A

**Lab Testing Sections:** Chemistry - Sendouts

**Referred to:** Fairview University Diagnostic Laboratories (Atlas Test: IFNG)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Monday - Friday

**Turnaround Time:** 5 days

**Special Instructions:** Specimens must be sent to the laboratory immediately after collection for processing.

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***Specimen***

**Specimen Type:** Whole blood or CSF. Blood is the specimen of choice.

**Container:** Blood: Red top (plain, no gel) tube  
Alternate: Lavender top (EDTA) tube

CSF: Screw-capped, sterile vial

**Draw Volume:** 4 mL (Minimum: 3.6 mL) blood

2 mL (Minimum: 0.5 mL) CSF

<b>Processed Volume:</b>	2 mL (Minimum: 0.2 mL) serum 2 mL (Minimum: 0.2 mL) CSF
<b>Collection:</b>	Routine venipuncture or CSF collection. Deliver to laboratory immediately
<b>Special Processing:</b>	Lab Staff:  <b>Serum:</b> Allow samples to clot for 30 minutes before centrifugation. Centrifuge for 15 minutes at 1000-1500g(rcf) at room temperature. Remove serum. Aliquot into two vials with at least 500 uL per vial. Label appropriately and band together. Store samples at < or = -20°C (-70°C preferred). Ship frozen. Forward promptly.  <b>Plasma:</b> Specimen must be processed immediately after collection. Centrifuge for 15 minutes at 1000-1500g(rcf) at room temperature. Remove plasma. Aliquot into two vials with at least 500 uL per vial. Label appropriately and band together. Store samples at < or = -20°C (-70°C preferred). Ship frozen. Forward promptly.  <b>CSF:</b> Aliquot into two vials with at least 500 uL per vial. Label appropriately and band together. Store samples at < or = -20°C (-70°C preferred). Ship frozen. Forward promptly. Note: An MBAT must be ordered for CSF.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Gross hemolysis; stored at room temperature >2 hours

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### ***Interpretive***

<b>Reference Range:</b>	≤3.0 pg/mL  <b>Note:</b> This range applies to blood/plasma levels only. There are no ranges available for CSF.
<b>Critical Values:</b>	N/A
<b>Limitations:</b>	N/A
<b>Methodology:</b>	Enzyme-linked immunosorbent assay
<b>References:</b>	Fairview University Diagnostic Laboratories Laboratory Web Page <a href="http://labguide.fairview.org/diagnostic.asp">http://labguide.fairview.org/diagnostic.asp</a> September 2013