
Lab Dept: Chemistry

Test Name: INTERLEUKIN-6

General Information

Lab Order Codes: IL6

Synonyms: Interleukin-6, Highly Sensitive

CPT Codes: 83520 – Immunoassay, analyte, quantitative, not otherwise specified

Test Includes: Interleukin 6 level reported in pg/mL.

Logistics

Test Indications: IL-6, a multi-functional cytokine produced by a range of cells, plays a central role in host defense mechanisms, is involved in induction of B-cell differentiation, induction of IL-2 and IL-2 receptor expression and proliferation and differentiation of T cells. Elevated IL-6 concentrations are reported in a variety of autoimmune diseases (e.g., rheumatoid arthritis), proliferative diseases (e.g., mesangial proliferative glomerulonephritis), and malignancies (e.g., leukemia and lymphoma).

Lab Testing Sections: Chemistry – Sendouts

Referred to: Mayo Medical Laboratories, forward to Quest/Nichols Institute (MML: FIL6H)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 7 - 18 days (performed Thursdays)

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Lavender (EDTA) top tube
Alternate tube: Red NO GEL

Draw Volume: 3 mL (Minimum: 1.5 mL) blood

Processed Volume:	1 mL (Minimum: 0.5 mL) plasma/serum
Collection:	Routine venipuncture
Special Processing:	Lab Staff: Centrifuge specimen, remove serum aliquot. Store and ship at frozen temperatures. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Unlabeled or mislabeled specimens; thawed plasma/serum; received room temperature; received refrigerated; gross hemolysis; gross lipemia; grossly icteric

Interpretive

Reference Range:	0.31 – 5.00 pg/mL
Critical Values:	N/A
Limitations:	This test was performed using a kit that has not been approved or cleared by the FDA. The analytical performance characteristics of this test have been determined by Quest Diagnostics Nichols Institute, San Juan Capistrano. This test should not be used for diagnosis without confirmation by other medically established means.
Methodology:	Enzyme Linked Immunosorbent Immunoassay
References:	Mayo Medical Laboratories (August 2017)
Updates:	3/24/2009: Updated volumes, method and CPT. 8/14/2017: Moved to a forward test from MML.