

INTERLEUKIN 6, PLASMA

Test ID: IL6

USEFUL FOR: Evaluation of patients with suspected systemic infection or suspected localized infection, specifically prosthetic joint infection (PJI).

Evaluation of patients with suspected chronic inflammatory disorders, such as rheumatoid arthritis, systemic lupus erythematosus, ankylosing spondylitis, or inflammatory bowel disease

METHOD: Electrochemiluminescence

REFERENCE VALUES: < or =1.8 pg/mL

SPECIMEN REQUIREMENTS:

Collection Container/Tube: Lavender-top (EDTA)

Submission Container/Tube: Plastic vial

Specimen Volume: 0.5 mL

Minimum Volume: 0.3 mL

Collection Instructions:

1. Immediately after drawing the specimen, place the tube on wet ice.
2. Spin down and separate plasma from cells; 1,500 x g for 10 minutes at 4 degrees C.
3. Freeze specimen within 30 minutes

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Plasma EDTA	Frozen (preferred)	21 days
	Refrigerated	24 hours

CAUTIONS: IL-6 is a nonspecific marker associated with an inflammatory response, and is not diagnostic for any specific disease or disease process. Elevated concentrations of IL-6 must be interpreted within the clinical context of the patient.

Normal concentrations of IL-6 do not exclude the possibility of an ongoing inflammatory process.

IL-6 has limited stability. Following centrifugation, plasma must be either immediately frozen or refrigerated. Samples can only be stored at refrigerated temperatures for 24 hours, after which time samples must be frozen. Storage of plasma for any length of time at room temperature is not acceptable.

CPT CODE: 83520

DAY(S) SET UP: Thursday, 3 p.m.

ANALYTIC TIME: 1 day

NOTE: The following referral test code(s) will become obsolete:

Test Name	Test ID	Referral Lab Code	Referral Lab
Interleukin 6	FILK6	0051537	ARUP Laboratories
Interleukin-6 (IL-6) Serum	FIL6S	1257	Viracor Eurofins
Interleukin-6, Highly Sensitive	FIL6H	34473X	Quest Diagnostics Nichols Institute

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Amy Ennis, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710