

Reporting Title: Chromium, Synovial FI

Performing Location: Rochester

Specimen Requirements:

**Patient Preparation:** High concentrations of gadolinium and iodine are known to interfere with most inductively coupled plasma mass spectrometry-based metal tests. If either gadolinium- or iodine-containing contrast media has been administered, **a specimen should not be collected for at least 96 hours.**

**Supplies:** Metal Free B-D Tube (EDTA), 6 mL (T183)

**Container/Tube:** Royal blue top (metal-free EDTA)

**Specimen Volume:** 1 mL

**Collection Instructions:** See [Metals Analysis Specimen Collection and Transport](#) for complete instructions.

**Additional Information:** Chromium is present in the black rubber plunger seals found in most disposable syringes. As a result, synovial fluid **should not be** collected in these devices as contamination may occur.

Specimen Type	Temperature	Time	Special Container
Synovial Fluid	Refrigerated (preferred)	90 days	
	Ambient	90 days	
	Frozen	90 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
606353	Chromium, Synovial FI	Numeric	ng/mL	95526-0

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82495

Reference Values:

0-17 years: Not established

> or =18 years: <16.9 ng/mL