

Selenium, Serum

Order Name: **SES**
Revision Date: 12/13/2019

TEST NAME		METHODOLOGY		LOINC CODE
Selenium, Serum				
SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	0.8 mL (0.2 mL)	Serum	Royal Blue No Additive	Refrigerated
Instructions	<p>Patient Preparation: High concentrations of gadolinium, iodine, and barium are known to interfere with most metals tests. If gadolinium-, iodine, or barium-containing contrast media has been administered, a specimen should not be collected for 96 hours.</p> <p>Label specimen with Mobilab label or with patient name (first and last), date of birth, date and time of collection, collector initials, and test(s) being ordered.</p> <p>Processing Instructions: 1. Allow the specimen to clot for 30 minutes; then centrifuge the specimen to separate serum from the cellular fraction.</p> <p>2. Remove the stopper. Carefully pour specimen into a Mayo metal-free, polypropylene vial, avoid transferring the cellular components of blood. Do not insert a pipette into the serum to accomplish transfer, and do not ream the specimen with a wooden stick to assist with serum transfer.</p>			
Reference Range	0-2 months: 45-90 ng/mL 3-6 months: 50-120 ng/mL 7-9 months: 60-120 ng/mL 10-12 months: 70-130 ng/mL >1 year: 70-150 ng/mL			
Methodology	Dynamic Reaction Cell-Inductively Coupled Plasma-Mass Spectrometry (DRC-ICP-MS)			

GENERAL INFORMATION	
Testing Schedule	Monday; 2 p.m.; Tuesday through Friday; 5 p.m.; Saturday; 2 p.m.
Expected TAT	1-3 Days
Notes	Specimen Stability: Refrigerated (preferred) - 28 Days Ambient - 28 Days Frozen - 28 Days
CPT Code(s)	84255
Lab Section	NRLS-Mayo Medical Laboratories