TEST CHANGE

Iodine, Serum

2007463, IODINESER

Specimen Requirements:	
Patient Preparation:	Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, nonessential over-the-counter medications for 48 hours (upon the advice of their physician). In addition, the administration of iodine-based contrast media and drugs containing iodine may yield elevated results. During venipuncture, do not use disinfectants (such as Betadine) that contain iodine.
Collect:	Royal blue (no additive).
Specimen Preparation:	Separate ~~serum~~ from cells ASAP or within 2 hours of collection. Transfe~~por~~t 2 mL serum to~~in~~ an ARUP Trace Element-Free Transport Tube (ARUP supply #43116) available online through eSupply using ARUP Connect(TM) or contact ARUP Client Services at ~~(~~800~~-~~) ~~522-2787.~~ (Min: 0.5 mL). Do not use utensils (i.e., syringes, needles, or pipettes) in the collection or transfer of the sample, pour directly into transport tube.~~)~~
Transport Temperature:	Refrigerated.
Unacceptable Conditions:	Specimens not received in trace element-free~~Trace Element Free~~ transport tubes. Separator tubes and specimens that are not separated from the clot within 2 hours. Serum collected within 48 hours after administration of a gadolinium (Gd) or iodine (I) containing contrast media (may occur with MRI studies). Plasma.
Remarks:	
Stability:	Ambient: 30 days; Refrigerated: 30 days; Frozen: 30 days
Methodology:	Quantitative Inductively Coupled Plasma-Mass Spectrometry
Performed:	Tue, Thu, Sat
Reported:	1-5 days
Note:	
CPT Codes:	83018
New York DOH Approval Status:	This test is New York DOH approved.

Interpretive Data:

Values greater than 250 µg/L may indicate iodine overload.

Elevated results may be due to skin or collection-related contamination, including the use of a noncertified metal-free collection/transport tube. If contamination concerns exist due to elevated levels of serum iodine, confirmation with a second specimen collected in a certified metal-free tube is recommended.

Reference Interval:

40-92 µg/L