TEST CHANGE

Aluminum, Serum

0099266, AL S

Specimen Requirements:	
Patient Preparation:	Diet, medication, and nutritional supplements may introduce interfering substances. Patient should be encouraged to discontinue nutritional supplements, vitamins, minerals, and nonessential~~non-essential~~ over-the-counter medications (upon the advice of their physician).
Collect:	Royal Blue (No Additive).
Specimen Preparation:	Separate from cells ASAP or within 2 hours of collection. Transfer 2 mL serum to 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:	Room temperature. Also acceptable: Refrigerated or frozen.
Unacceptable Conditions:	Plasma. Specimens that are not separated from the red cells or clot within 2 hours. Specimens collected in containers other than specified. Specimens transported in containers other than specified.
Remarks:	
Stability:	Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Indefinitely (If the specimen is drawn and stored in the appropriate container, the trace element values do not change with time.)
Methodology:	Quantitative Inductively Coupled Plasma-Mass Spectrometry
Performed:	Tue, Thu, Sat
Reported:	1-4 days
Note:	
CPT Codes:	82108
New York DOH Approval Status:	This test is New York DOH approved.
Interpretive Data:	

Serum aluminum greater than 50.0 µg/L is consistent with overload and may correlate with toxicity.

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 aluminum, confirmation with a second specimen collected in a certified metal-free tube is recommended.

Reference Interval:

0.0-15.0 µg/L