

HOTLINE: Effective February 18, 2020

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Aluminum, Serum

AL S

Specimen Required: Patient Prep: Diet, medication, and nutritional supplements may introduce interfering substances. Patient should be encouraged to discontinue nutritional supplements, vitamins, minerals, and 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 **or plasma** to an ARUP Trace Element-Free Transport Tube (ARUP supply #43116) available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 0.5 mL)
Storage/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.**
Stability (collection to initiation of testing): 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.)

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

Elevated levels of aluminum in serum should be confirmed with a second specimen due to a high susceptibility of the specimen to collection-related environmental contamination.

See Compliance Statement B: www.aruplab.com/CS

HOTLINE NOTE: Remove information found in the Note field.