



ALUMINIUM, SERUM

Synonym(s): Al Serum

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Lab Section Category	Clinical Biochemistry Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/clinical-biochemistry.aspx).
Specimen Required	5 mL plain blood collected into trace metal free tube.
Method	Inductively Coupled Plasma Mass Spectrometry
Reference Interval/Value	≥ 20 yrs: <29 ug/L
Turnaround Time	Mean = 7 days, Range: 3 – 11 days
Day(s) Test Set up	Monday - Friday
Remarks	Instructions Before Sampling: <ol style="list-style-type: none">1. Patient is advised to refrain from oral ingestion of fruit juices and tea for 1 day before blood collection. Oral citrate enhances the gastrointestinal aluminium absorption which results in increased levels in blood.2. Patient should avoid taking either gadolinium or iodine containing contrast media for at least 4 days as they can interfere with trace metal tests.

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