
Lab Dept: Chemistry

Test Name: IgA (IMMUNOGLOBULIN A)

General Information

Lab Order Codes: IGA

Synonyms: Immunoglobulin A

CPT Codes: 82784 – Gammaglobulin; IgA, each

Test Includes: IgA concentration reported in mg/dL.

Logistics

Test Indications: Immunoglobulins, also known as humoral antibodies, recognize antigens and initiate mechanisms that destroy antigens. Approximately 10-15% of serum immunoglobulin is IgA.

Lab Testing Sections: Chemistry

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 day

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Green top (Li Heparin) tube, preferred
Alternate: SST (gold, marble or red) top tube

Draw Volume: 0.6 mL blood

Processed Volume: 0.2 mL serum/plasma

Collection: Routine venipuncture

Special Processing: Lab Staff: Centrifuge specimen, remove aliquot into a plastic sample cup. Store at refrigerated temperatures for up to 7 days. Centrifuge turbid or particulate samples prior to analysis.

Patient Preparation: None

Sample Rejection: Mislabelled or unlabeled specimen; lipemic or turbid samples that cannot be clarified by centrifugation

Interpretive

Reference Range:

Age:	Range (mg/dL)::
Newborn:	0.0 – 3.6 mg/dL
1 month:	1.3 – 53 mg/dL
2 months:	2.8 – 47 mg/dL
3 months:	4.6 – 46 mg/dL
4 months:	4.4 – 73 mg/dL
5 months:	8.0 – 83 mg/dL
6 months:	8.0 – 67 mg/dL
7 – 9 months:	11 – 89 mg/dL
10 – 11 months:	14 – 105 mg/dL
1 – 2 years:	14 – 157 mg/dL
3 – 5 years:	22 – 200 mg/dL
6 – 9 years:	33 – 234 mg/dL
>9 years:	56 – 451 mg/dL

Critical Values: N/A

Limitations: N/A

Methodology: Nephelometry, Siemens Dimension Vista 500

References: Tietz (1999) Textbook of Clinical Chemistry, 3rd edition, Philadelphia, WB Saunders Co, pp 507-509

Siemens Dimension Vista IgA Flex Insert, P/N K705zG00E0804, Rev
2012-03

Updates:

2/8/2016: Update alt tube types

7/8/2016: Update to specimen rejection