



Laboratory Service Manual

Lab Dept: Chemistry

Test Name: ALBUMIN

General Information

Lab Order Codes: ALB

Synonyms: N/A

CPT Codes: 82040 – Albumin; serum

Test Includes: Albumin concentration reported in g/dL

Logistics

Test Indications: Useful for the evaluation of nutritional status and renal disease. Albumin is the most abundant plasma protein accounting for approximately one half of the plasma protein mass. Albumin is a significant component of most extravascular body fluids. The primary function of albumin is generally considered to be the maintenance of colloidal osmotic pressure in both the vascular and extravascular spaces.

Lab Testing Sections: Chemistry

Phone Numbers:

Minneapolis: 612-813-6280

Saint Paul: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 4 hours

Special Instructions: N/A

Specimen

Specimen Type: Whole blood

Container: Green top (Li Heparin) tube **preferred**

Alternate tube: Red top (plain, no gel) tube

Draw Volume: 0.6 mL blood



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Processed Volume:	0.2 mL serum/plasma
Collection:	Routine venipuncture. Mix tubes containing anticoagulant by gentle inversion.
Special Processing:	Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into plastic sample cup. Store at refrigerated temperatures.
Patient Preparation:	None
Sample Rejection:	Unlabeled specimen

Interpretive

Reference Range:

Age	Range (g/dL)
0 – 1 month:	2.5 – 4.0
1 – 3 months:	2.2 – 4.2
3 months – 1 year:	3.0 – 4.6
1 – 2 years:	3.8 – 5.1
>2 years:	3.5 – 4.9

Critical Values: N/A

Limitations: N/A

Methodology: Bromocresol Purple

Contraindications: N/A

References: Tietz (1999) Textbook of Clinical Chemistry, 3rd edition, Philadelphia, WB Saunders Co, pp 482-483

Dimension Albumin Flex Insert P/N 717013.001 REV.I 11/98