



Laboratory Service Manual

Lab Dept: Chemistry

Test Name: ALDOLASE

General Information

Lab Order Codes: ALD

Synonyms: ALS; Fructose-biphosphate aldolase

CPT Codes: 82085 - Aldolase

Test Includes: Aldolase level reported in U/L.

Logistics

Test Indications: Useful for the detecting muscle diseases, such as Duchenne muscular dystrophy, dermatomyositis, polymyositis, and limb-girdle dystrophy.

Lab Testing Sections: Chemistry - Sendouts

Referred to: Mayo Medical Laboratories (Test# 8363)

Phone Numbers:

Minneapolis: 612-813-6280

Saint Paul: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 – 3 days, test set up Monday - Saturday

Special Instructions: See [Patient Preparation](#)

Specimen

Specimen Type: Blood

Container: Red top (plain, no gel) tube

Draw Volume: 3.0 mL blood

Processed Volume: 1.0 mL (Minimum: 0.2 mL) serum

Collection: Routine venipuncture



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Special Processing: Lab Staff: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom plastic vial. Hemolyzed specimens are not acceptable. Store and ship at frozen temperatures. Forward promptly.

Patient Preparation: Fasting patient preferred

Sample Rejection: Specimens other than serum, hemolyzed specimens, warm specimens, severely icteric specimens, mislabeled or unlabeled specimens

Interpretive

Reference Range:

0 – 16 years:	<14.5 U/L
≥17 years:	<7.7 U/L

Critical Values: N/A

Limitations: N/A

Methodology: Ultraviolet, Kinetic

Contraindications: N/A

References: [Mayo Medical Laboratories Web Page](#) (May 2009)

Updates: 6/13/2007: Reference range update from MML. Previous ranges listed as 0-2 yrs: <16.3 U/L, 3-16 yrs: <8.3 U/L, >or= 17 yrs: <7.4 U/L.
5/4/2009: Serum gel tubes are not acceptable for specimen collection.