
Lab Dept: Chemistry

Test Name: ALDOLASE

General Information

Lab Order Codes: ALD

Synonyms: 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: ALS)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

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

Special Instructions: Red No Gel tube required.

Specimen

Specimen Type: Blood

Container: Red top (no gel) tube

Draw Volume: 3 mL (Minimum: 1.5 mL) blood

Processed Volume: 1 mL (Minimum: 0.5 mL) serum

Collection: Routine venipuncture

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 refrigerated temperatures. Forward promptly.

Patient Preparation: None

Sample Rejection: Specimens other than serum; gross hemolysis; grossly icteric; gross lipemia; mislabeled or unlabeled specimens; specimens collected in gel tubes

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

References: [Mayo Medical Laboratories Web Page](#) December 2017

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.
7/15/2013: Removed "fasting patient preferred".