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**Lab Dept:** Chemistry

**Test Name:** ALDOLASE

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***General Information***

**Lab Order Codes:** ALD

**Synonyms:** Fructose-biphosphate aldolase

**CPT Codes:** 82085 - Aldolase

**Test Includes:** Aldolase level reported in U/L.

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***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.

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***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 frozen temperatures. Forward promptly.

**Patient Preparation:** None

**Sample Rejection:** Specimens other than serum; gross hemolysis; grossly icteric; gross lipemia; mislabeled or unlabeled specimens

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***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](#) (April 2016)

**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.  
7/15/13: Removed "fasting patient preferred".