**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

**Interpretive**

<table>
<thead>
<tr>
<th>Reference Range:</th>
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<tbody>
<tr>
<td>0 – 16 years:</td>
<td>&lt;14.5 U/L</td>
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<tr>
<td>≥17 years:</td>
<td>&lt;7.7 U/L</td>
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Critical Values: N/A

Limitations: N/A

Methodology: Ultraviolet, Kinetic

References: [Mayo Medical Laboratories Web Page](http://www.mayoclinic.org) (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, ≥17 yrs: <7.4 U/L.
- 7/15/13: Removed “fasting patient preferred”.