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 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:

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Reference Value</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 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, ≥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”.