



# Test Definition: AK1

Adenylate Kinase Enzyme Activity, Blood

**Reporting Title:** Adenylate Kinase, B

**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus

**Specimen Requirements:**

**Collection Container/Tube:**

**Preferred:** Yellow top (ACD solution B)

**Acceptable:** Lavender top (EDTA) or yellow top (ACD solution A)

**Specimen Volume:** 6 mL

**Collection Instructions:**

1. Invert several times to mix blood.
2. Send whole blood specimen in original tube. **Do not aliquot.**

**Forms:**

If not ordering electronically, complete, print, and send a [Benign Hematology Test Request](#) (T755) with the specimen.

| Specimen Type     | Temperature  | Time    | Special Container |
|-------------------|--------------|---------|-------------------|
| Whole Blood ACD-B | Refrigerated | 20 days |                   |

**Result Codes:**

| Result ID | Reporting Name      | Type    | Unit   | LOINC®  |
|-----------|---------------------|---------|--------|---------|
| AKCL      | Adenylate Kinase, B | Numeric | U/g Hb | 44051-1 |

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

82657

**Reference Values:**

> or =12 months: 195-276 U/g Hb

Reference values have not been established for patients younger than 12 months.