

**Reporting Title:** Creatine Kinase (CK), S  
**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus

**Necessary Information:**  
Patient's age and sex are required.

**Specimen Requirements:**  
**Collection Container/Tube:**  
**Preferred:** Serum gel  
**Acceptable:** Red top  
**Submission Container/Tube:** Plastic vial  
**Specimen Volume:** 1 mL  
**Collection Instructions:**

- 1. Serum gel tubes should be centrifuged within 2 hours of collection.
- 2. Red-top tubes should be centrifuged, and the serum aliquoted into a plastic vial within 2 hours of collection.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Ambient	48 hours	
	Frozen	28 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
CK	Creatine Kinase (CK), S	Numeric	U/L	2157-6

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

**Supplemental Report:**  
No

**CPT Code Information:**  
82550

**Reference Values:**  
Males  
< or =3 months: not established  
>3 months: 39-308 U/L  
Females  
< or =3 months: not established  
>3 months: 26-192 U/L  
Reference values have not been established for patients that are less than 3 months of age.  
**Note:** Strenuous exercise or intramuscular injections may cause transient elevation of creatine kinase (CK).