

Creatine Kinase

CPT Code: 82550

Order Code: C137

ABN Requirement: No

Synonyms: CK; Total CK; Creatine Phosphokinase; CPK

Specimen: Serum

Volume: 0.5 mL

Minimum Volume: 0.2mL

Container: Gel-barrier tube (SST, Tiger Top)

Collection:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. DO NOT SHAKE.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

Transport: Store serum at 2°C to 8°C after collection and ship the same day per packaging instructions included with the provided shipping box.

Stability:

Ambient (15-25°C): 2 days

Refrigerated (2-8°C): 7 days

Frozen (-20°C): 4 weeks

Causes for Rejection: Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits; hemolyzed specimens

Methodology: Photometric

Turn Around Time: 1 to 3 days

Reference Range:

Age	Male U/L	Female U/L
All Ages	20-200	20-180

Priority Values:

Clinical Significance: Creatine kinase testing may be ordered for individuals suspected of having a myocardial infarction or for evaluation of skeletal muscle damage. Elevated results may be due to: Myocarditis, Myocardial Infarction (heart attack), Muscular Dystrophy, Muscle Trauma or excessive exercise.

Limitations: Cyanokit (Hydroxocobalamin) may cause interference with results. In very rare cases gammopathy may cause unreliable results. Non-hemolyzed samples are recommended by the IFCC for testing. Highly lipemic specimens may cause unreliable results.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.