

**CPK; CREATINE KINASE,
SERUM
(IFCC)**

U/L

SEX	VALUE in U/L
Males	<171
Females	<145

Comments

CPK is an enzyme found primarily in skeletal and cardiac muscle. It is elevated in diseases like Muscular dystrophy, Myopathies, Polymyositis, Muscle trauma, Myocardial infarction, Cardiac catheterization, Electrical cardioversion, Hypothyroidism, Stroke and also following intramuscular injections. Drugs, infections and diseases leading to injury or inflammation of muscles releases CPK into the circulation. Normal levels are seen in Neurogenic muscle diseases like Multiple Sclerosis, Myasthenia gravis and Parkinsonism. Isoenzyme studies are advised in patients with elevated levels.