

Human Creatine Phosphate ELISA Kit | CP elisa kit

Human Creatine Phosphate ELISA Kit

CATALOG #
AAA94032

REACTIVITY
Human

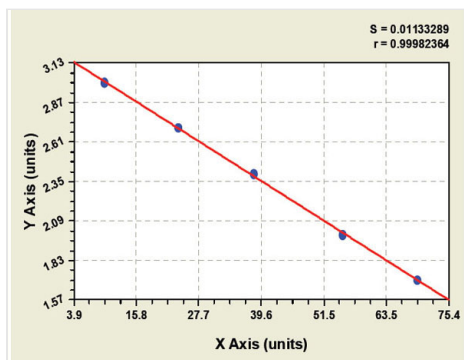
PRODUCT SYNONYMS

Creatine Phosphate; Human Creatine Phosphate ELISA Kit; CP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This CP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CP. This ELISA kit for research use only, not for therapeutic applications
!Intended Uses	This CP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CP elisa kit	Principle of the Assay: CP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CP antibody and an CP-HRP conjugate. The assay sample and buffer are incubated together with CP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CP concentration since CP from samples and CP-HRP conjugate compete for the anti-CP antibody binding site. Since the number of sites is limited, as more sites are occupied by CP from the sample, fewer sites are left to bind CP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CP concentration in each sample is interpolated from this standard curve.
--	--

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cp-human-elisa-kits/creatine-phosphate/94032>