

## Goat Creatine Phosphate ELISA Kit | CP elisa kit

Goat Creatine Phosphate ELISA Kit

CATALOG #  
**AAA97157**

REACTIVITY  
**Goat**

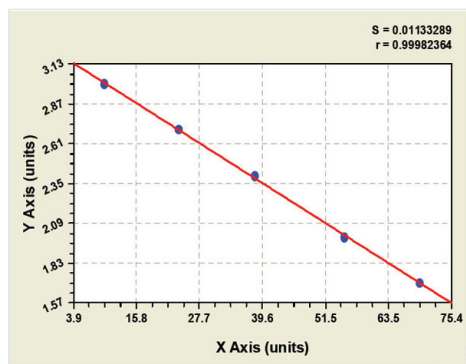
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Goat                                                                                                                                                                              |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                        |
| Assay Type              | Competitive                                                                                                                                                                       |
| Intended Uses           | This CP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CP. This ELISA kit for research use only, not for therapeutic applications  |
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| 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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/cp-goat-elisa-kits/creatine-phosphate/97157>