

Mouse Cysteine ELISA Kit | Cys elisa kit

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CATALOG #
AAA17167

REACTIVITY
Mouse

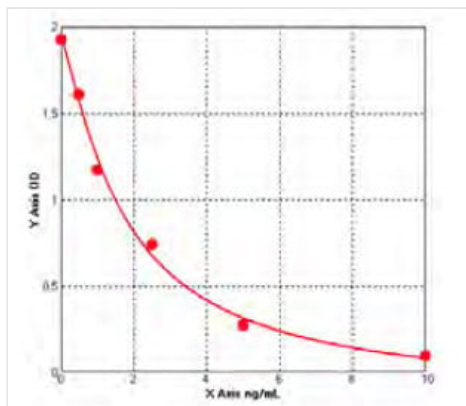
PRODUCT SYNONYMS

Cysteine; Mouse Cysteine ELISA Kit; Cys elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CYS. No significant cross-reactivity or interference between CYS and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CYS and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cys elisa kit	Intended Uses: This CYS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MouseCYS. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CYS ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CYS antibody and an CYS-HRP conjugate. The assay sample and buffer are incubated together with CYS-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 CYS concentration since CYS from samples and CYS-HRP conjugate compete for the anti-CYS antibody binding site. Since the number of sites is limited, as more sites are occupied by CYS from the sample, fewer sites are left to bind CYS-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYS concentration in each sample is interpolated from this standard curve.
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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.

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Online datasheet: <https://www.aaabiotech.com/cys-mouse-elisa-kits/cysteine/17167>