

Monkey Cystathionine Gamma Lyase ELISA Kit | CSE elisa kit

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CATALOG #
AAA93990

REACTIVITY
Monkey

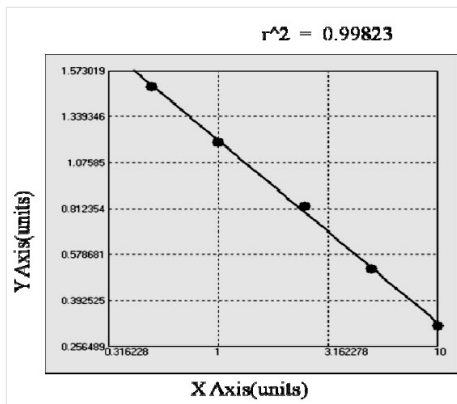
PRODUCT SYNONYMS

Cystathionine Gamma Lyase; Monkey Cystathionine Gamma Lyase ELISA Kit; CSE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CSE ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CSE. 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 CSE elisa kit

Principle of the Assay: CSE ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CSE antibody and an CSE-HRP conjugate. The assay sample and buffer are incubated together with CSE-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 CSE concentration since CSE from samples and CSE-HRP conjugate compete for the anti-CSE antibody binding site. Since the number of sites is limited, as more sites are occupied by CSE from the sample, fewer sites are left to bind CSE-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CSE concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	495171374
NCBI Accession #	WP_007896170.1
NCBI GenBank Nucleotide #	WP_007896170.1
Molecular Weight	43,433 Da
NCBI Official Full Name	cystathionine gamma-lyase
UniProt Protein Name	Cystathionine beta-lyase/cystathionine gamma-synthase
UniProt Entry Name	J2VQP1_9PSED

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://stage.aaabiotech.com/cse-monkey-elisa-kits/cystathionine-gamma-lyase/93990>