

Rat Cystathionine gamma-lyase ELISA Kit | Cth elisa kit

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CATALOG #
AAA56205

REACTIVITY
Rat

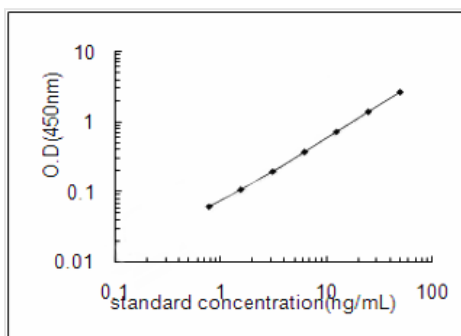
PRODUCT SYNONYMS

Cystathionine gamma-lyase; Rat Cystathionine gamma-lyase ELISA Kit; Cth elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Cystathionine gamma-lyase. No significant cross-reactivity or interference was observed.
Sequence Length	423
Assay Type	Sandwich
Detection Range	0.78-50 ng/ml
Sensitivity	0.399 ng/mL
Intra-Assay CV	<=5.0%
Inter-Assay CV	<=6.3%
Recovery	96%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cth elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cystathionine gamma-lyase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Cystathionine gamma-lyase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Cystathionine gamma-lyase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Cystathionine gamma-lyase in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8393215
NCBI GeneID	24962
NCBI Accession #	NP_058770.1
NCBI GenBank Nucleotide #	NM_017074.1
UniProt Accession #	P18757
Molecular Weight	43,605 Da
NCBI Official Full Name	cystathionine gamma-lyase
NCBI Official Synonym Full Names	cystathionine gamma-lyase
NCBI Official Symbol	Cth
NCBI Official Synonym Symbols	H
NCBI Protein Information	cystathionine gamma-lyase
UniProt Protein Name	Cystathionine gamma-lyase
UniProt Gene Name	Cth
UniProt Synonym Gene Names	PRB-RA
UniProt Entry Name	CGL_RAT

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/cth-rat-elisa-kits/cystathionine-gamma-lyase/56205>