

Mouse Cystathionine beta-synthase ELISA Kit | Cbs elisa kit

Mouse Cystathionine beta-synthase ELISA Kit

CATALOG #
AAA190603

REACTIVITY
Mouse

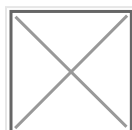
PRODUCT SYNONYMS

Cystathionine beta-synthase; Mouse Cystathionine beta-synthase ELISA Kit; Beta-thionase; Serine sulfhydryase; Cbs; 4.2.1.22; Cbs elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Human Spectrin alpha chain, erythrocyte
Sequence Length	547
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	0.312-20 ng/mL
Sensitivity	<0.156 ng/mL
Intra-assay Precision	Intra-Assay CV: <=7.4%
Inter-assay Precision	Inter-Assay CV: <=9.3%
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 Cbs elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	405778333
NCBI GeneID	12411

NCBI Accession #	NP_001258282.1
NCBI GenBank Nucleotide #	NM_001271353.1
UniProt Accession #	Q91WT9; Q91WU3
Molecular Weight	60,193 Da
NCBI Official Full Name	cystathionine beta-synthase isoform 2
NCBI Official Synonym Full Names	cystathionine beta-synthase
NCBI Official Symbol	Cbs
NCBI Official Synonym Symbols	HIP4; AI047524; AI303044
NCBI Protein Information	cystathionine beta-synthase
UniProt Protein Name	Cystathionine beta-synthase
UniProt Gene Name	Cbs
UniProt Entry Name	CBS_MOUSE

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/cbs-mouse-elisa-kits/cystathionine-beta-synthase/190603>