

Rat cystathionine beta-synthase, CBS ELISA Kit | CBS elisa kit

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CATALOG #
AAA123328

REACTIVITY
Rat

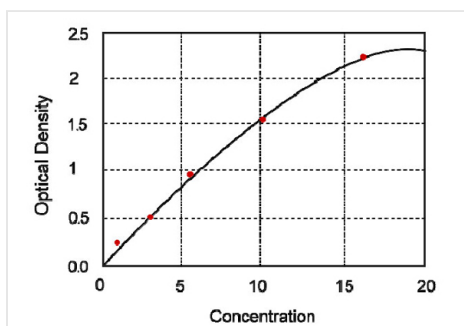
PRODUCT SYNONYMS

cystathionine beta-synthase; CBS; Rat cystathionine beta-synthase; CBS ELISA Kit; CBS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	551
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-4500ng/L
Sensitivity	9.13ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CBS elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat CBS antibody. CBS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat CBS Antibody is added and binds to CBS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CBS antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat CBS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat cystathionine beta-synthase (also known as CBS) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126723756
NCBI GeneID	100008766
NCBI GenBank Nucleotide #	NP_001075551.1
UniProt Accession #	Q9N0V7
NCBI Official Full Name	cystathionine beta-synthase
NCBI Official Symbol	CBS
NCBI Protein Information	cystathionine beta-synthase
UniProt Protein Name	Cystathionine beta-synthase
UniProt Gene Name	CBS

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/rat-elisa-kits/cystathionine-beta-synthase-cbs/123328>