

Human cystathionine-beta-synthase ELISA Kit | CBS elisa kit

Human cystathionine beta-synthase, CBS ELISA Kit

CATALOG #
AAA15054

REACTIVITY
Human

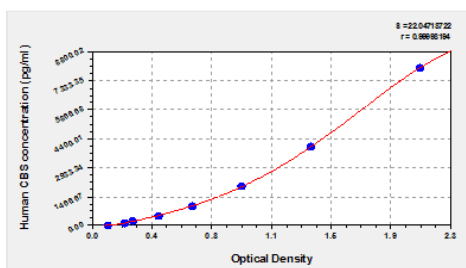
PRODUCT SYNONYMS

cystathionine-beta-synthase; Human cystathionine beta-synthase; CBS ELISA Kit; Human cystathionine beta-synthase (CBS) ELISA Kit; HIP4; OTTHUMP00000109415; OTTHUMP00000109416; OTTHUMP00000109418; beta-thionase; cystathionine beta-synthase; methylocysteine synthase; serine sulphydrase; CBS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CBS. No significant cross-reactivity or interference between human CBS and analogues was observed.
Sequence Length	551
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	125 pg/ml-8000 pg/ml
Sensitivity	< 31.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CBS elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CBS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CBS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CBS is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CBS bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557415
NCBI GeneID	875
NCBI Accession #	NP_000062.1
NCBI GenBank Nucleotide #	NM_000071.2
UniProt Accession #	P35520; Q99425; Q9BWC5; B2R993; D3DSK4
Molecular Weight	60,587 Da
NCBI Official Full Name	cystathionine beta-synthase
NCBI Official Synonym Full Names	cystathionine-beta-synthase
NCBI Official Symbol	CBS
NCBI Official Synonym Symbols	HIP4
NCBI Protein Information	cystathionine beta-synthase; beta-thionase; serine sulfhydrase; methylcysteine synthase
UniProt Protein Name	Cystathionine beta-synthase
UniProt Gene Name	CBS
UniProt Entry Name	CBS_HUMAN

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/cbs-human-elisa-kits/cystathionine-beta-synthase/15054>