

Mouse catalase ELISA Kit | CAT elisa kit

Mouse Catalase, Cat ELISA Kit

CATALOG # AAA80696	REACTIVITY Mouse
------------------------------	----------------------------

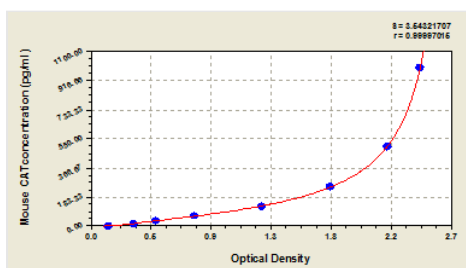
PRODUCT SYNONYMS

catalase; Mouse Catalase; Cat ELISA Kit; Mouse Catalase (CAT) ELISA Kit; MGC138422; MGC138424; ; CAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CAT. No significant cross-reactivity or interference between mouse CAT and analogues was observed.
Sequence Length	527
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 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 CAT elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CAT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CAT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CAT 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 CAT bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157951741
NCBI GeneID	12359
NCBI Accession #	NP_033934.2
NCBI GenBank Nucleotide #	NM_009804.2
UniProt Accession #	P24270; Q3TXQ6
Molecular Weight	59,795 Da
NCBI Official Full Name	catalase
NCBI Official Synonym Full Names	catalase
NCBI Official Symbol	Cat
NCBI Official Synonym Symbols	Cas1; Cs-1; Cas-1; 2210418N07
NCBI Protein Information	catalase; catalase 1
UniProt Protein Name	Catalase
UniProt Gene Name	Cat
UniProt Synonym Gene Names	Cas-1; Cas1
UniProt Entry Name	CATA_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/cat-mouse-elisa-kits/catalase/80696>