

Rat Catalase (CAT) ELISA Kit | CAT elisa kit

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CATALOG #
AAA43620

REACTIVITY
Rat

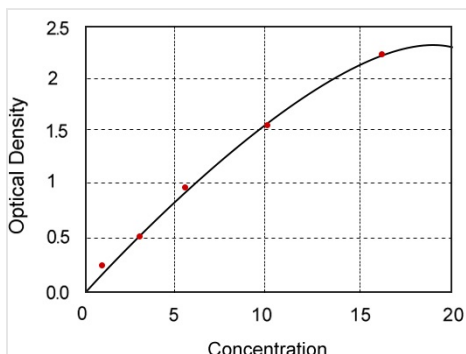
PRODUCT SYNONYMS

Catalase (CAT); Rat Catalase (CAT) ELISA Kit; CAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	491
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05?g/L - 10?g/L
Sensitivity	0.01?g/L
Intra-Assay	CV<8%
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 CAT elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Carboxyhemoglobin (also known as HBCO) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat HBCO antibody. HBCO present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat HBCO Antibody is added and binds to HBCO in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HBCO 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 HBCO. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22234
NCBI GeneID	542230
UniProt Accession #	P12365
Molecular Weight	56,466 Da
NCBI Official Full Name	catalase
NCBI Official Symbol	cat2
NCBI Official Synonym Symbols	Ct2; Cat0; ncr(cat2); GRMZM2G090568
NCBI Protein Information	catalase isozyme 2
UniProt Protein Name	Catalase isozyme 2
UniProt Gene Name	CAT2

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://www.aaabiotech.com/rat-elisa-kits/catalase-cat/43620>