

Rat Cytochrome c oxidase subunit 3 ELISA Kit | Mtco3 elisa kit

Rat Cytochrome c oxidase subunit 3 ELISA Kit

CATALOG #
AAA98688

REACTIVITY
Rat

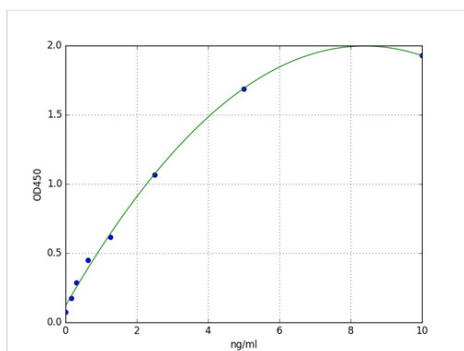
PRODUCT SYNONYMS

Cytochrome c oxidase subunit 3; Rat Cytochrome c oxidase subunit 3 ELISA Kit; Mtco3/Cytochrome c oxidase polypeptide III; Mtco3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	265
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Rat Mtco3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.022	0.121	0.252	0.380	0.828	1.251	1.935	2.401

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mtco3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Mtco3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Mtco3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Mtco3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Mtco3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

15226079

NCBI GeneID	815364
NCBI Accession #	NP_178782.1
NCBI GenBank Nucleotide #	NM_126741.2
NCBI Official Full Name	cytochrome c oxidase subunit 3
NCBI Official Symbol	AT2G07687
NCBI Official Synonym Symbols	T17H1.13; T17H1_13
NCBI Protein Information	cytochrome c oxidase subunit 3

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/mtco3-rat-elisa-kits/cytochrome-c-oxidase-subunit-3/98688>