

Rat Coupling Factor 6 ELISA Kit | CF6 elisa kit

Rat Coupling Factor 6 ELISA Kit

CATALOG #
AAA97734

REACTIVITY
Rat

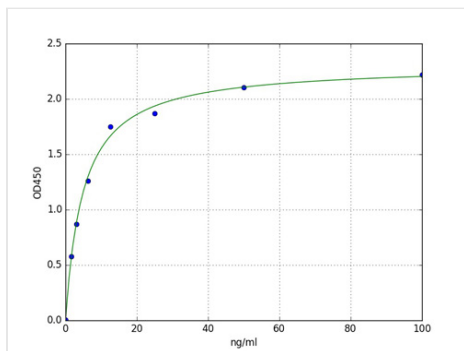
PRODUCT SYNONYMS

Coupling Factor 6; Rat Coupling Factor 6 ELISA Kit; CF6; CF6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	108
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/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 CF6 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	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.004	0.539	0.888	1.501	1.761	2.478	1.675	2.034

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CF6 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat CF6 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat CF6 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 CF6 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat CF6 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

183786

NCBI GeneID	522
Molecular Weight	13,388 Da
NCBI Official Full Name	coupling factor 6
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial Fo complex subunit F6
NCBI Official Symbol	ATP5J
NCBI Official Synonym Symbols	F6; CF6; ATP5; ATPM; ATP5A
NCBI Protein Information	ATP synthase-coupling factor 6, mitochondrial
UniProt Protein Name	ATP synthase-coupling factor 6, mitochondrial
UniProt Gene Name	ATP5J
UniProt Synonym Gene Names	ATP5A; ATPM; ATPase subunit F6
UniProt Entry Name	ATP5J_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/cf6-rat-elisa-kits/coupling-factor-6/97734>