

Rat T-complex protein 1 subunit eta (CCT7) ELISA Kit | CCT7 elisa kit

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CATALOG #
AAA246279

REACTIVITY
Rat

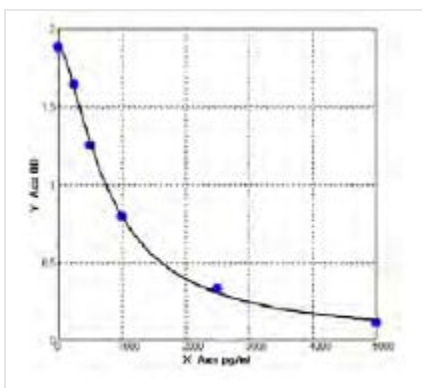
PRODUCT SYNONYMS

T-complex protein 1 subunit eta (CCT7); Rat T-complex protein 1 subunit eta (CCT7) ELISA Kit; CCT7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCT7 elisa kit

Intended Uses: This CCT7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CCT7. This ELISA kit for research use only!

Principle of the Assay: CCT7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CCT7 antibody and an CCT7-HRP conjugate. The assay sample and buffer are incubated together with CCT7-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCT7 concentration since CCT7 from samples and CCT7-HRP conjugate compete for the anti-CCT7 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCT7 from the sample, fewer sites are left to bind CCT7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCT7 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453607
NCBI GeneID	10574
NCBI Accession #	NP_006420.1
NCBI GenBank Nucleotide #	NM_006429.3
Molecular Weight	50,352 Da
NCBI Official Full Name	T-complex protein 1 subunit eta isoform a
NCBI Official Synonym Full Names	chaperonin containing TCP1, subunit 7 (eta)
NCBI Official Symbol	CCT7
NCBI Official Synonym Symbols	CCTH; CCTETA; NIP7-1; TCP1ETA
NCBI Protein Information	T-complex protein 1 subunit eta; CCT-eta; TCP-1-eta; HIV-1 Nef interacting protein; HIV-1 Nef-interacting protein; chaperonin containing t-complex polypeptide 1, eta subunit
UniProt Protein Name	T-complex protein 1 subunit eta
UniProt Gene Name	CCT7
UniProt Synonym Gene Names	CCTH; NIP7-1; TCP-1-eta
UniProt Entry Name	TCPH_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.