

Human chaperonin containing TCP1, subunit 5 (epsilon) ELISA Kit | CCT5 elisa kit

Human T-complex protein 1 subunit epsilon, CCT5 ELISA Kit

CATALOG #
AAA112774

REACTIVITY
Human

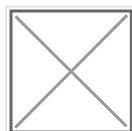
PRODUCT SYNONYMS

chaperonin containing TCP1; subunit 5 (epsilon); Human T-complex protein 1 subunit epsilon; CCT5 ELISA Kit; Human T-complex protein 1 subunit epsilon (CCT5) ELISA kit; CCT-epsilon; CTE; KIAA0098; TCP-1-epsilon; T-complex protein 1; epsilon subunit; CCT5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CCT5. No significant cross-reactivity or interference between human CCT5 and analogues was observed.
Sequence Length	541
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml.
Sensitivity	The minimum detectable dose of human CCT5 is typically less than 3.9 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 CCT5 elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CCT5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CCT5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CCT5 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 CCT5 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24307939
NCBI GeneID	22948
NCBI Accession #	NP_036205.1
NCBI GenBank Nucleotide #	NM_012073.3
UniProt Accession #	P48643; A8JZY8; A8K2X8; B4DYD8
Molecular Weight	59,671 Da
NCBI Official Full Name	T-complex protein 1 subunit epsilon
NCBI Official Synonym Full Names	chaperonin containing TCP1, subunit 5 (epsilon)
NCBI Official Symbol	CCT5
NCBI Official Synonym Symbols	CCTE; HEL-S-69; CCT-epsilon; TCP-1-epsilon
NCBI Protein Information	T-complex protein 1 subunit epsilon; epididymis secretory protein Li 69; T-complex protein 1, epsilon subunit
UniProt Protein Name	T-complex protein 1 subunit epsilon
UniProt Gene Name	CCT5
UniProt Synonym Gene Names	CCTE; KIAA0098; TCP-1-epsilon
UniProt Entry Name	TCPE_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/cct5-human-elisa-kits/chaperonin-containing-tcp1-subunit-5-epsilon/112774>