

Human CTD Phosphatase 1 ELISA Kit | CTD1 elisa kit

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CATALOG #
AAA84710

REACTIVITY
Human

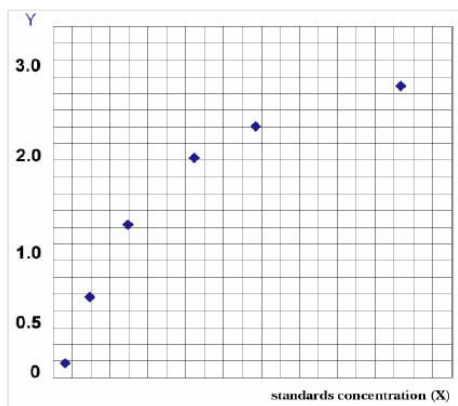
PRODUCT SYNONYMS

CTD Phosphatase 1; Human CTD Phosphatase 1 ELISA Kit; CTD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTDP1 elisa kit	Intended Uses: This CPN IGM ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration ofCPN IGM in the sample, thisCPN IGM ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versusCPN IGM concentration. The concentration ofCPN IGM in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This CPN IGM enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific forCPN IGM. Standards or samples are then added to the microtiter plate wells andCPN IGM if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofCPN IGM present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forCPN IGM are added to each well to "sandwich" theCPN IGM immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that containCPN IGM and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30962890
NCBI GeneID	9150
Molecular Weight	93,485 Da
NCBI Official Full Name	CTDP1 protein, partial
NCBI Official Synonym Full Names	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1
NCBI Official Symbol	CTDP1
NCBI Official Synonym Symbols	FCP1; CCFDN
NCBI Protein Information	RNA polymerase II subunit A C-terminal domain phosphatase; serine phosphatase FCP1a; TFIIIF-associating CTD phosphatase 1; CTD of POLR2A, phosphatase of, subunit 1; transcription factor IIF-associating CTD phosphatase 1
UniProt Protein Name	RNA polymerase II subunit A C-terminal domain phosphatase
UniProt Gene Name	CTDP1
UniProt Synonym Gene Names	FCP1
UniProt Entry Name	CTDP1_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.