

Human Centrin 2 (CETN2) ELISA Kit | CETN2 elisa kit

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CATALOG #
AAA246183

REACTIVITY
Human

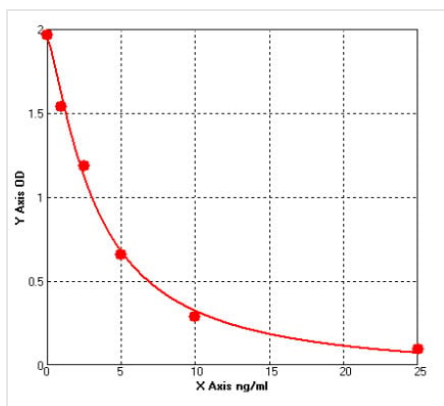
PRODUCT SYNONYMS

Centrin 2 (CETN2); Human Centrin 2 (CETN2) ELISA Kit; CETN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CETN2. No significant cross-reactivity or interference between CETN2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CETN2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CETN2 elisa kit	Principle of the Assay: CETN2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CETN2 antibody and an CETN2-HRP conjugate. The assay sample and buffer are incubated together with CETN2-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 CETN2 concentration since CETN2 from samples and CETN2-HRP conjugate compete for the anti-CETN2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CETN2 from the sample, fewer sites are left to bind CETN2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CETN2 concentration in each sample is interpolated from this standard curve. Intended Uses: This CETN2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CETN2. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CETN2 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	79326379
NCBI GeneID	829855
NCBI Accession #	NP_001031798.1
NCBI GenBank Nucleotide #	NM_001036721.1
Molecular Weight	19,156 Da
NCBI Official Full Name	centrin 2
NCBI Official Symbol	CEN2
NCBI Official Synonym Symbols	AP22.11; AP22_11; CEN2; centrin 2
NCBI Protein Information	centrin 2
UniProt Protein Name	Calcium-binding protein CML19
UniProt Gene Name	CML19
UniProt Synonym Gene Names	CEN2; At4g37010; AP22.11; C7A10.350; AtCEN2
UniProt Entry Name	CML19_ARATH

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/human-elisa-kits/centrin-2-cetn2/246183>