

Rat CENPE ELISA Kit | CENPE elisa kit

Rat CENPE (Centromere Protein E) ELISA Kit

CATALOG #
AAA165173

REACTIVITY
Rat

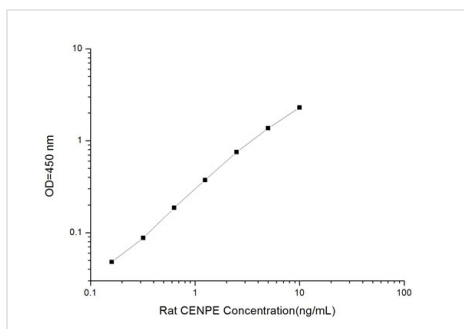
PRODUCT SYNONYMS

CENPE; Rat CENPE (Centromere Protein E) ELISA Kit; CENPE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat CENPE. No significant cross-reactivity or interference between Rat CENPE and analogues was observed.
Sequence Length	2580
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CENPE elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat CENPE concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CENPE. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CENPE and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CENPE, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CENPE. You can calculate the concentration of CENPE in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	557878612
NCBI GeneID	1062
NCBI Accession #	NP_001273663.1
NCBI GenBank Nucleotide #	NM_001286734.1
UniProt Accession #	Q02224; Q4LE75; A6NKY9; A8K2U7
Molecular Weight	301,789 Da
NCBI Official Full Name	centromere-associated protein E isoform 2 proprotein
NCBI Official Synonym Full Names	centromere protein E, 312kDa
NCBI Official Symbol	CENPE
NCBI Official Synonym Symbols	KIF10; CENP-E; MCPH13; PPP1R61
NCBI Protein Information	centromere-associated protein E; Centromere autoantigen E (312kD); kinesin family member 10; kinesin-related protein CENPE; protein phosphatase 1, regulatory subunit 61
UniProt Protein Name	Centromere-associated protein E
UniProt Gene Name	CENPE
UniProt Synonym Gene Names	CENP-E
UniProt Entry Name	CENPE_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.