

Human centromere protein K ELISA Kit | CENPK elisa kit

Human Centromere protein K, CENPK ELISA Kit

CATALOG #
AAA112985

REACTIVITY
Human

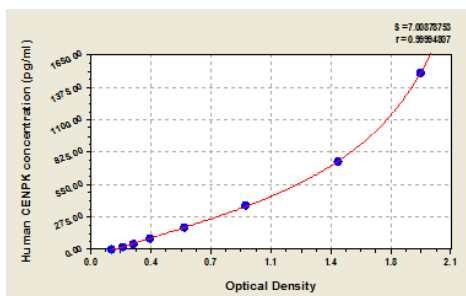
PRODUCT SYNONYMS

centromere protein K; Human Centromere protein K; CENPK ELISA Kit; Human Centromere protein K (CENPK) ELISA kit; AF5alpha; CENP-K; FKSG14; P33; Solt; OTTHUMP00000161888; SoxLZ/Sox6 leucine zipper binding protein; SoxLZ/Sox6-binding protein Solt; leucine zipper protein FKSG14; CENPK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CENPK. No significant cross-reactivity or interference between Human CENPK and analogues was observed.
Sequence Length	269
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	23.5 pg/ml-1500 pg/ml
Sensitivity	5.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 CENPK elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CENPK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CENPK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CENPK 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 CENPK bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	388490144
NCBI GeneID	64105
NCBI Accession #	NP_001253967.1
NCBI GenBank Nucleotide #	NM_001267038.1
UniProt Accession #	Q9BS16; Q9H4L0
Molecular Weight	31,655 Da
NCBI Official Full Name	centromere protein K
NCBI Official Synonym Full Names	centromere protein K
NCBI Official Symbol	CENPK
NCBI Official Synonym Symbols	P33; Solt; CENP-K; FKSG14; AF5alpha
NCBI Protein Information	centromere protein K; protein AF-5alpha; leucine zipper protein FKSG14; SoxLZ/Sox6-binding protein Solt; interphase centromere complex protein 37
UniProt Protein Name	Centromere protein K
UniProt Gene Name	CENPK
UniProt Synonym Gene Names	ICEN37; FKSG14; CENP-K
UniProt Entry Name	CENPK_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/cenpk-human-elisa-kits/centromere-protein-k/112985>