

Human Cyclin-dependent kinase 5 ELISA Kit | CDK5 elisa kit

Human Cyclin-dependent kinase 5 ELISA Kit

CATALOG #
AAA97811

REACTIVITY
Human

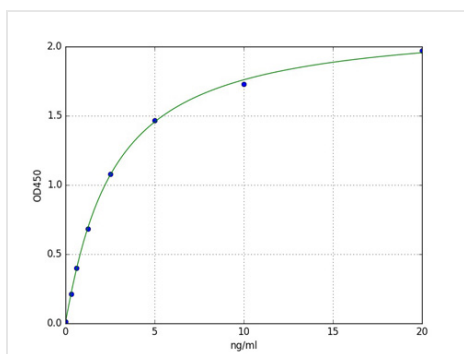
PRODUCT SYNONYMS

Cyclin-dependent kinase 5; Human Cyclin-dependent kinase 5 ELISA Kit; CDK5 (Cyclin-dependent kinase 5)/TPKII catalytic subunit/Tau protein kinase II catalytic subunit/Cell division protein kinase 5/Serine/threonine-protein kinase PSSALRE; CDK5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	292
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a human CDK5 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.041	0.124	0.231	0.375	0.672	1.002	1.415	2.056

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDK5 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human CDK5 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human CDK5 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human CDK5 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human CDK5 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16356641
NCBI GeneID	1020
Molecular Weight	29,544 Da
NCBI Official Full Name	cyclin-dependent kinase 5
NCBI Official Synonym Full Names	cyclin-dependent kinase 5
NCBI Official Symbol	CDK5
NCBI Official Synonym Symbols	LIS7; PSSALRE
NCBI Protein Information	cyclin-dependent-like kinase 5
UniProt Protein Name	Cyclin-dependent-like kinase 5
UniProt Gene Name	CDK5
UniProt Synonym Gene Names	CDKN5; TPKII catalytic subunit
UniProt Entry Name	CDK5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cdk5-human-elisa-kits/cyclin-dependent-kinase-5/97811>