

Human cytokeratin 18, CK-18 ELISA Kit | CK-18 elisa kit

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CATALOG #
AAA41270

REACTIVITY
Human

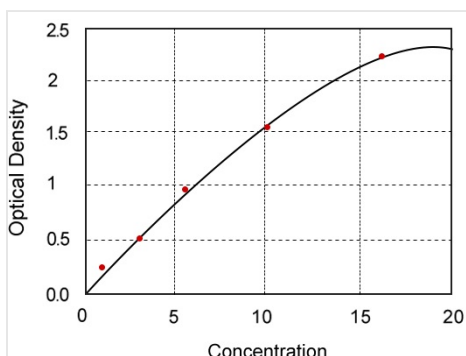
PRODUCT SYNONYMS

cytokeratin 18; CK-18; Human cytokeratin 18; CK-18 ELISA Kit; CK-18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	430
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.019ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CK-18 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Cytokeratin 18 (also known as CK-18) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CK-18 antibody. CK-18 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CK-18 Antibody is added and binds to CK-18 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CK-18 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human CK-18. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	34037
NCBI GeneID	3875
UniProt Accession #	P05783; Q53G38; Q5U0N8; Q9BW26
Molecular Weight	48,058 Da
NCBI Official Full Name	cytokeratin 18
NCBI Official Synonym Full Names	keratin 18
NCBI Official Symbol	KRT18
NCBI Official Synonym Symbols	K18; CK-18; CYK18
NCBI Protein Information	keratin, type I cytoskeletal 18
UniProt Protein Name	Keratin, type I cytoskeletal 18
UniProt Gene Name	KRT18
UniProt Synonym Gene Names	CYK18; CK-18; K18

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/cytokeratin-18-ck-18/41270>