

Human Cytokeratin 20 ELISA Kit | CK-20/KRT20 elisa kit

Human Cytokeratin 20 ELISA Kit

CATALOG #
AAA101757

REACTIVITY
Human

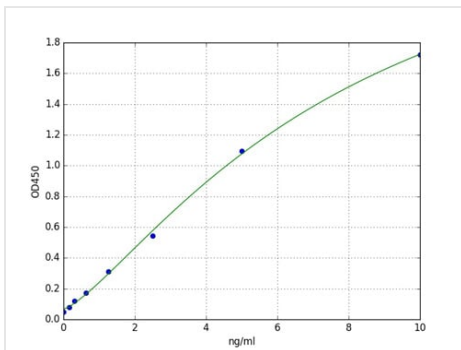
PRODUCT SYNONYMS

Cytokeratin 20; Human Cytokeratin 20 ELISA Kit; CK-20/KRT20/Protein IT/Cytokeratin-20 (CK-20)/Keratin-20 (K20)/Keratin; type I cytoskeletal 20; CK-20/KRT20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	424
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

Typical Data & Standard Curve

Results of a typical standard run of a Human CK-20 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.021	0.136	0.259	0.372	0.772	1.238	2.070	2.572

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CK-20/KRT20 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human CK-20 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CK-20 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 CK-20 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CK-20 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	402645
UniProt Accession #	P35900; B2R6W7
Molecular Weight	48,487 Da
NCBI Official Full Name	cytokeratin 20
UniProt Protein Name	Keratin, type I cytoskeletal 20
UniProt Gene Name	KRT20
UniProt Synonym Gene Names	CK-20; K20
UniProt Entry Name	K1C20_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/ck-20-krt20-human-elisa-kits/cytokeratin-20/101757>