

Goat CytoKeratin 17 ELISA Kit | CK 17 elisa kit

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CATALOG #
AAA91774

REACTIVITY
Goat

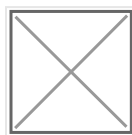
PRODUCT SYNONYMS

CytoKeratin 17; Goat CytoKeratin 17 ELISA Kit; CK 17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CY-17 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CY-17. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CK 17 elisa kit	Principle of the Assay: CY-17 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CY-17 antibody and an CY-17-HRP conjugate. The assay sample and buffer are incubated together with CY-17-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CY-17 concentration since CY-17 from samples and CY-17-HRP conjugate compete for the anti-CY-17 antibody binding site. Since the number of sites is limited, as more sites are occupied by CY-17 from the sample, fewer sites are left to bind CY-17-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CY-17 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CK 17 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	30379
NCBI GeneID	3872
UniProt Accession #	Q04695; Q6IP98; Q8N1P6; A5Z1M9; A5Z1N0; A5Z1N1; A5Z1N2; A6NDV6; A6NKQ2

Molecular Weight	48,106 Da
NCBI Official Full Name	cytokeratin 17
NCBI Official Synonym Full Names	keratin 17
NCBI Official Symbol	KRT17
NCBI Official Synonym Symbols	PC; K17; PC2; PCHC1
NCBI Protein Information	keratin, type I cytoskeletal 17; 39.1; CK-17; keratin-17; cytokeratin-17; keratin 17 epitope S1; keratin 17 epitope S2; keratin 17 epitope S4
UniProt Protein Name	Keratin, type I cytoskeletal 17
UniProt Gene Name	KRT17
UniProt Synonym Gene Names	CK-17; K17
UniProt Entry Name	K1C17_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-17-goat-elisa-kits/cytokeratin-17/91774>