

Monkey CytoKeratin 17 ELISA Kit | CK 17 elisa kit

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CATALOG #
AAA91817

REACTIVITY
Monkey

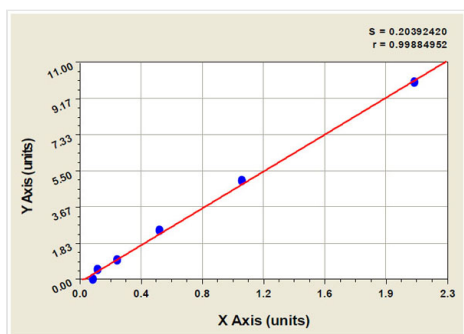
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CK17 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CK17. 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: CK17 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CK17. Standards or samples are then added to the microtiter plate wells and CK17 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CK17 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CK17 are added to each well to "sandwich" the CK17 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CK17 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CK17 concentration in each sample is interpolated from this standard curve.

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-monkey-elisa-kits/cytokeratin-17/91817>