

Bovine CytoKeratin 17 ELISA Kit | CK 17 elisa kit

Bovine CytoKeratin 17 ELISA Kit

CATALOG # AAA16772	REACTIVITY Bovine
------------------------------	-----------------------------

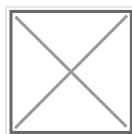
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
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	Intended Uses This CY17 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CY17. This ELISA kit for research use only! Principle of the Assay: CY17 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CY17 antibody and an CY17-HRP conjugate. The assay sample and buffer are incubated together with CY17-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 CY17 concentration since CY17 from samples and CY17-HRP conjugate compete for the anti-CY17 antibody binding site. Since the number of sites is limited, as more sites are occupied by CY17 from the sample, fewer sites are left to bind CY17-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CY17 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ck-17-bovine-ovine-elisa-kits/cytokeratin-17/16772>