

Bovine CytoKeratin 13 ELISA Kit | CK 13 elisa kit

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CATALOG #
AAA91464

REACTIVITY
Bovine

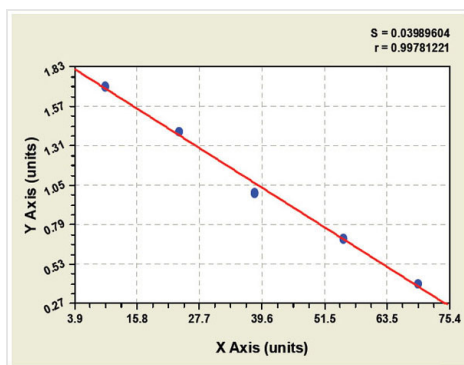
PRODUCT SYNONYMS

CytoKeratin 13; Bovine CytoKeratin 13 ELISA Kit; CK 13 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 13 elisa kit

Intended Uses: This CK13 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CK13. This ELISA kit for research use only!

Principle of the Assay: CK13 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CK13 antibody and an CK13-HRP conjugate. The assay sample and buffer are incubated together with CK13-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 CK13 concentration since CK13 from samples and CK13-HRP conjugate compete for the anti-CK13 antibody binding site. Since the number of sites is limited, as more sites are occupied by CK13 from the sample, fewer sites are left to bind CK13-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CK13 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CK 13 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	30377
UniProt Accession #	P13646; Q53G54; Q6AZK5; Q8N240
Molecular Weight	45,867 Da
NCBI Official Full Name	cytokeratin 13
UniProt Protein Name	Keratin, type I cytoskeletal 13
UniProt Gene Name	KRT13
UniProt Synonym Gene Names	CK-13; K13
UniProt Entry Name	K1C13_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-13-bovine-ovine-elisa-kits/cytokeratin-13/91464>