

Porcine CytoKeratin 20 ELISA Kit | CK 20 elisa kit

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CATALOG #
AAA90940

REACTIVITY
Porcine

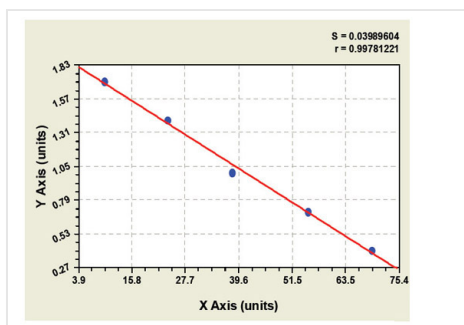
PRODUCT SYNONYMS

CytoKeratin 20; Porcine CytoKeratin 20 ELISA Kit; CK 20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
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 20 elisa kit

Intended Uses: This CK17 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CK17. This ELISA kit for research use only!

Principle of the Assay: CK17 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CK17 antibody and an CK17-HRP conjugate. The assay sample and buffer are incubated together with CK17-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 CK17 concentration since CK17 from samples and CK17-HRP conjugate compete for the anti-CK17 antibody binding site. Since the number of sites is limited, as more sites are occupied by CK17 from the sample, fewer sites are left to bind CK17-HRP conjugate. 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.

Product Categories/Family for CK 20 elisa kit

Cell Biology

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-porcine-elisa-kits/cytokeratin-20/90940>