

Goat CytoKeratin 20 ELISA Kit | CK 20 elisa kit

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CATALOG #
AAA89929

REACTIVITY
Goat

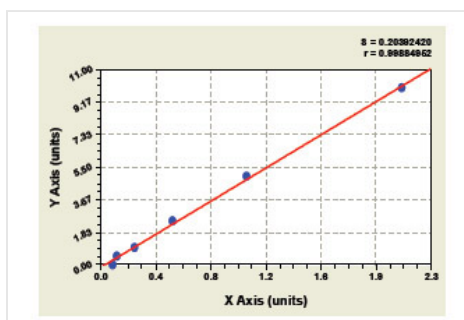
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Intended Uses	This CK20 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CK20. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CK 20 elisa kit

Principle of the Assay: CK20 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CK20. Standards or samples are then added to the microtiter plate wells and CK20 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CK20 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CK20 are added to each well to "sandwich" the CK20 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 CK20 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 CK20 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-goat-elisa-kits/cytokeratin-20/89929>