

Rabbit CytoKeratin 13 ELISA Kit | CK 13 elisa kit

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CATALOG #
AAA82297

REACTIVITY
Rabbit

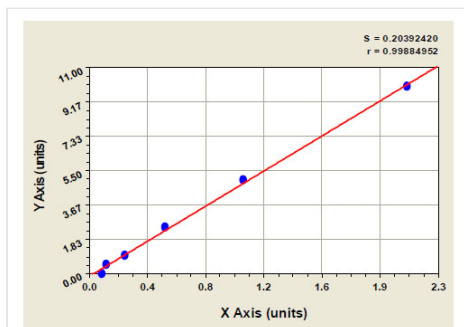
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CK13 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CK13. 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 13 elisa kit

Principle of the assay: CK13 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CK13. Standards or samples are then added to the microtiter plate wells and CK13 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CK13 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CK13 are added to each well to "sandwich" the CK13 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 CK13 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 CK13 concentration in each sample is interpolated from this standard curve.

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.