

Monkey Elastase 4 ELISA Kit | ELA4 elisa kit

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CATALOG #
AAA92846

REACTIVITY
Monkey

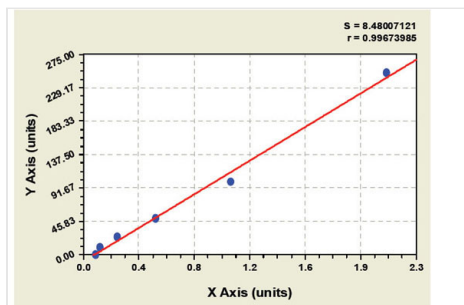
PRODUCT SYNONYMS

Elastase 4; Monkey Elastase 4 ELISA Kit; ELA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ELA4 elisa kit

Intended Uses: This ELA4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ELA4. This ELISA kit for research use only!

Principle of the Assay: ELA4 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ELA4. Standards or samples are then added to the microtiter plate wells and ELA4 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ELA4 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ELA4 are added to each well to "sandwich" the ELA4 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 ELA4 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 ELA4 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62526043
NCBI GeneID	11330
NCBI Accession #	NP_009203.2
NCBI GenBank Nucleotide #	NM_007272.2
Molecular Weight	29,484 Da
NCBI Official Full Name	chymotrypsin-C preproprotein
NCBI Official Synonym Full Names	chymotrypsin C (caldecrin)
NCBI Official Symbol	CTRC
NCBI Official Synonym Symbols	CLCR; ELA4
NCBI Protein Information	chymotrypsin-C; caldecrin; elastase 4; elastase IV; serum calcium decreasing factor
UniProt Protein Name	Chymotrypsin-C
UniProt Gene Name	CTRC
UniProt Synonym Gene Names	CLCR
UniProt Entry Name	CTRC_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://www.aaabiotech.com/ela4-monkey-elisa-kits/elastase-4/92846>