

Mouse Chloride intracellular channel protein 4 (CLIC4) ELISA Kit | CLIC4 elisa kit

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CATALOG #
AAA245389

REACTIVITY
Mouse

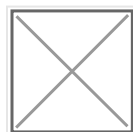
PRODUCT SYNONYMS

Chloride intracellular channel protein 4 (CLIC4); Mouse Chloride intracellular channel protein 4 (CLIC4) ELISA Kit; CLIC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10g/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLIC4 elisa kit

Intended Uses: This CLIC4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CLIC4. This ELISA kit for research use only!

Principle of the Assay||CLIC4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CLIC4 antibody and an CLIC4-HRP conjugate. The assay sample and buffer are incubated together with CLIC4-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 CLIC4 concentration since CLIC4 from samples and CLIC4-HRP conjugate compete for the anti-CLIC4 antibody binding site. Since the number of sites is limited, as more sites are occupied by CLIC4 from the sample, fewer sites are left to bind CLIC4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLIC4 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CLIC4 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #

[7330335](#)

NCBI GeneID	25932
NCBI Accession #	NP_039234.1
NCBI GenBank Nucleotide #	NM_013943.2
Molecular Weight	28,772 Da
NCBI Official Full Name	chloride intracellular channel protein 4
NCBI Official Synonym Full Names	chloride intracellular channel 4
NCBI Official Symbol	CLIC4
NCBI Official Synonym Symbols	H1; huH1; p64H1; CLIC4L; MTCLIC
NCBI Protein Information	chloride intracellular channel protein 4; chloride intracellular channel 4 like; intracellular chloride ion channel protein p64H1
UniProt Protein Name	Chloride intracellular channel protein 4
UniProt Gene Name	CLIC4
UniProt Entry Name	CLIC4_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/mouse-elisa-kits/chloride-intracellular-channel-protein-4-clic4/245389>