

Human Chloride Intracellular Channel Protein 1 (CLIC1) ELISA Kit | CLIC1 elisa kit

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CATALOG #
AAA23031

REACTIVITY
Human

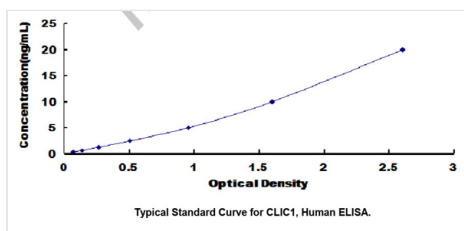
PRODUCT SYNONYMS

Chloride Intracellular Channel Protein 1 (CLIC1); Human Chloride Intracellular Channel Protein 1 (CLIC1) ELISA Kit; G6; NCC27; p64CLCP; hRNCC; Chloride channel ABP; Nuclear chloride ion channel 27; Regulatory nuclear chloride ion channel protein; CLIC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CLIC1. No significant cross-reactivity or interference between CLIC1 and analogues was observed.
Sequence Length	241
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CLIC1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CLIC1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLIC1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CLIC1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CLIC1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CLIC1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of CLIC1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CLIC1 in human tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14251209
NCBI GeneID	1192
NCBI Accession #	NP_001279.2
NCBI GenBank Nucleotide #	NM_001288.4
UniProt Accession #	O00299; Q15089; Q502X1
Molecular Weight	26,923 Da
NCBI Official Full Name	chloride intracellular channel protein 1
NCBI Official Synonym Full Names	chloride intracellular channel 1
NCBI Official Symbol	CLIC1
NCBI Official Synonym Symbols	G6; CL1C1; NCC27
NCBI Protein Information	chloride intracellular channel protein 1
UniProt Protein Name	Chloride intracellular channel protein 1
UniProt Gene Name	CLIC1
UniProt Synonym Gene Names	G6; NCC27; NCC27; hRNCC

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/human-elisa-kits/chloride-intracellular-channel-protein-1-clic1/23031>