

Human Anoctamin 6 (ANO6) ELISA Kit | ANO6 elisa kit

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CATALOG #
AAA66025

REACTIVITY
Human

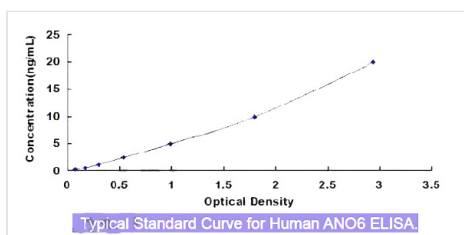
PRODUCT SYNONYMS

Anoctamin 6 (ANO6); Human Anoctamin 6 (ANO6) ELISA Kit; Primary response gene B94 protein; TNF alpha-induced protein 2; TNFAIP2; ANO6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ANO6. No significant cross-reactivity or interference between ANO6 and analogues was observed.
Sequence Length	910
Samples	Human tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	< 0.127ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ANO6 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 ANO6 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANO6 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ANO6 in human tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ANO6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ANO6. 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 ANO6, 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 ANO6 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	218156299
NCBI GeneID	196527
NCBI Accession #	NP_001020527.2
NCBI GenBank Nucleotide #	NM_001025356.2
UniProt Accession #	Q4KMQ2; Q8N3Q2; A6NNM6; B9EGG0; E7ENK4; E9PB30; E9PCT2
Molecular Weight	108,102 Da
NCBI Official Full Name	anoctamin-6 isoform a
NCBI Official Synonym Full Names	anoctamin 6
NCBI Official Symbol	ANO6
NCBI Official Synonym Symbols	SCTS; BDPLT7; TMEM16F
NCBI Protein Information	anoctamin-6
UniProt Protein Name	Anoctamin-6
UniProt Gene Name	ANO6
UniProt Synonym Gene Names	TMEM16F; SCAN channel

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.