

Human TMEM16A (Transmembrane protein 16A) ELISA Kit | TMEM16A elisa kit

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CATALOG #
AAA249995

REACTIVITY
Human

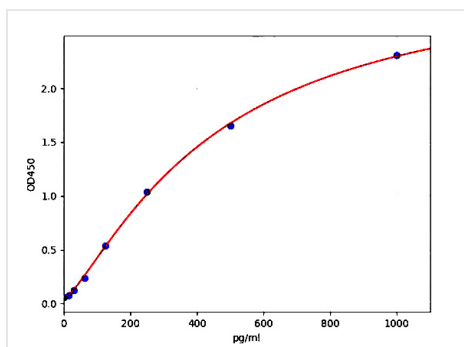
PRODUCT SYNONYMS

TMEM16A (Transmembrane protein 16A); Human TMEM16A (Transmembrane protein 16A) ELISA Kit; TMEM16A; Transmembrane protein 16A; Anoctamin-1; Discovered on gastrointestinal stromal tumors protein 1; Oral cancer overexpressed protein 2; Tumor-amplified and overexpressed sequence 2; DOG1; ORAOV2; TAOS2; ANO1; TMEM16A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TMEM16A. No significant crossreactivity or interference between TMEM16A and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMEM16A elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194306539
NCBI GeneID	55107
NCBI Accession #	NP_060513
NCBI GenBank Nucleotide #	NM_018043.5
UniProt Accession #	Q5XXA6; Q8IYY8; Q8N7V3; A8KAM3
Molecular Weight	74,369 Da
NCBI Official Full Name	anoctamin-1
NCBI Official Synonym Full Names	anoctamin 1, calcium activated chloride channel
NCBI Official Symbol	ANO1
NCBI Official Synonym Symbols	DOG1; TAOS2; ORAOV2; TMEM16A
NCBI Protein Information	anoctamin-1; Ca2+-activated Cl- channel; oral cancer overexpressed 2; tumor-amplified and overexpressed sequence 2; discovered on gastrointestinal stromal tumors protein 1; transmembrane protein 16A (eight membrane-spanning domains)
UniProt Protein Name	Anoctamin-1
UniProt Gene Name	ANO1
UniProt Synonym Gene Names	DOG1; ORAOV2; TAOS2; TMEM16A
UniProt Entry Name	ANO1_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/human-elisa-kits/tmem16a-transmembrane-protein-16a/249995>