

Human Anoctamin 5 (ANO5) ELISA Kit | ANO5 elisa kit

Human Anoctamin 5 (ANO5) ELISA Kit

CATALOG #
AAA244457

REACTIVITY
Human

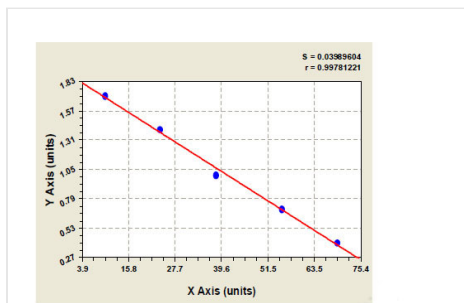
PRODUCT SYNONYMS

Anoctamin 5 (ANO5); Human Anoctamin 5 (ANO5) ELISA Kit; ANO5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/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 ANO5 elisa kit

Intended Uses: This ANO5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ANO5. This ELISA kit for research use only!

Principle of the Assay||ANO5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ANO5 antibody and an ANO5-HRP conjugate. The assay sample and buffer are incubated together with ANO5-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 ANO5 concentration since ANO5 from samples and ANO5-HRP conjugate compete for the anti-ANO5 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANO5 from the sample, fewer sites are left to bind ANO5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANO5 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ANO5 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	74749827
NCBI GeneID	203859
Molecular Weight	107,188 Da
NCBI Official Full Name	Anoctamin-5
NCBI Official Synonym Full Names	anoctamin 5
NCBI Official Symbol	ANO5
NCBI Official Synonym Symbols	GDD1; LGMD2L; TMEM16E
NCBI Protein Information	anoctamin-5; transmembrane protein 16E; integral membrane protein GDD1; gnathodiaphyseal dysplasia 1 protein
UniProt Protein Name	Anoctamin-5
UniProt Gene Name	ANO5
UniProt Synonym Gene Names	GDD1; TMEM16E
UniProt Entry Name	ANO5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/anoctamin-5-ano5/244457>