

Human Teneurin 2 (ODZ2) ELISA Kit | ODZ2 elisa kit

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CATALOG #
AAA97619

REACTIVITY
Human

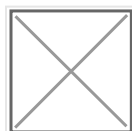
PRODUCT SYNONYMS

Teneurin 2 (ODZ2); Human Teneurin 2 (ODZ2) ELISA Kit; ODZ2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This ODZ2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ODZ2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ODZ2 elisa kit

Principle of the assay: ODZ2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ODZ2 antibody and an ODZ2-HRP conjugate. The assay sample and buffer are incubated together with ODZ2-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 ODZ2 concentration since ODZ2 from samples and ODZ2-HRP conjugate compete for the anti-ODZ2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ODZ2 from the sample, fewer sites are left to bind ODZ2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ODZ2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ODZ2 elisa kit

[Neurobiology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	170016091
NCBI GeneID	57451

NCBI Accession #	NP_001116151.1
NCBI GenBank Nucleotide #	NM_001122679.1
Molecular Weight	292,259 Da
NCBI Official Full Name	teneurin-2
NCBI Official Synonym Full Names	teneurin transmembrane protein 2
NCBI Official Symbol	TENM2
NCBI Official Synonym Symbols	ODZ2; TNM2; TEN-M2
NCBI Protein Information	teneurin-2; ten-2; teneurin 2; tenascin-M2; neurestin alpha; odd Oz/ten-m homolog 2; odz, odd Oz/ten-m homolog 2; protein Odd Oz/ten-m homolog 2
UniProt Protein Name	Teneurin-2
UniProt Gene Name	TENM2
UniProt Synonym Gene Names	KIAA1127; ODZ2; TNM2; Ten-2; Ten-m2; Ten-2 ICD
UniProt Entry Name	TEN2_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/teneurin-2-odz2/97619>