

Human OPALIN/Opalin ELISA Kit | OPALIN elisa kit

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CATALOG #
AAA196972

REACTIVITY
Human

PRODUCT SYNONYMS

OPALIN/Opalin; Human OPALIN/Opalin ELISA Kit; Oligodendrocytic myelin paranodal and inner loop protein; Transmembrane protein 10; HTMP10; TMEM10; Opalin; OPALIN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human Opalin
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for OPALIN elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	91932795
NCBI GeneID	93377
NCBI Accession #	NP_001035191.1
NCBI GenBank Nucleotide #	NM_001040102.2
UniProt Accession #	Q96PE5; Q5W102; A8MX69; A8MYG4; B4DK96; B4DKH0
Molecular Weight	15,683 Da
NCBI Official Full Name	opalin isoform b
NCBI Official Synonym Full Names	oligodendrocytic myelin paranodal and inner loop protein
NCBI Official Symbol	OPALIN
NCBI Official Synonym Symbols	TMP10; HTMP10; TMEM10
NCBI Protein Information	opalin; transmembrane protein 10; transmembrane protein TMP10

UniProt Protein Name	Opalin
UniProt Gene Name	OPALIN
UniProt Synonym Gene Names	HTMP10; TMEM10
UniProt Entry Name	OPALI_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://www.aaabiotech.com/human-elisa-kits/opalin-opalin/196972>