

Human Opsin 5 (OPN5) ELISA Kit | OPN5 elisa kit

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CATALOG #
AAA42673

REACTIVITY
Human

PRODUCT SYNONYMS

Opsin 5 (OPN5); Human Opsin 5 (OPN5) ELISA Kit; OPN5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	353
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.07ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OPN5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Opsin 5 (also known as OPN5) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human OPN5 antibody. OPN5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human OPN5 Antibody is added and binds to OPN5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated OPN5 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human OPN5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119624729
NCBI GeneID	221391
UniProt Accession #	Q6U736; Q5T5B9; Q5T886; Q7Z603; Q86SL5; A0AV33
Molecular Weight	39,727 Da
NCBI Official Full Name	opsin 5
NCBI Official Synonym Full Names	opsin 5
NCBI Official Symbol	OPN5
NCBI Official Synonym Symbols	PGR12; GPR136; GRP136; TMEM13
NCBI Protein Information	opsin-5
UniProt Protein Name	Opsin-5
UniProt Gene Name	OPN5
UniProt Synonym Gene Names	GPR136; PGR12; TMEM13

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/opsin-5-opn5/42673>