

Human Organic Solute Carrier Partner 1 (OSCP1) ELISA Kit | OSCP1 elisa kit

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CATALOG #
AAA65456

REACTIVITY
Human

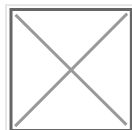
PRODUCT SYNONYMS

Organic Solute Carrier Partner 1 (OSCP1); Human Organic Solute Carrier Partner 1 (OSCP1) ELISA Kit; Fortilin; Histamine-releasing factor; HRF; p23; TCTP; OSCP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of OSCP1. No significant cross-reactivity or interference between OSCP1 and analogues was observed.
Sequence Length	389
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.115ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level OSCP1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level OSCP1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSCP1 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of OSCP1 in human tissue homogenates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to OSCP1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to OSCP1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain OSCP1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of OSCP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1060099336
NCBI GeneID	127700
NCBI Accession #	NP_001317422.1
NCBI GenBank Nucleotide #	NM_001330493.1
UniProt Accession #	Q8WVF1; Q4AEJ0; Q8N7G2; Q8TDF1; A6NHM5; A6NHS9; A6NIN9
Molecular Weight	26,431 Da
NCBI Official Full Name	protein OSCP1 isoform 3
NCBI Official Synonym Full Names	organic solute carrier partner 1
NCBI Official Symbol	OSCP1
NCBI Official Synonym Symbols	NOR1; C1orf102
NCBI Protein Information	protein OSCP1
UniProt Protein Name	Protein OSCP1
UniProt Gene Name	OSCP1
UniProt Synonym Gene Names	C1orf102; NOR1; hOSCP1

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/organic-solute-carrier-partner-1-osp1/65456>