

Mouse Mu-type opioid receptor ELISA Kit | Oprm1 elisa kit

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CATALOG #
AAA193492

REACTIVITY
Mouse

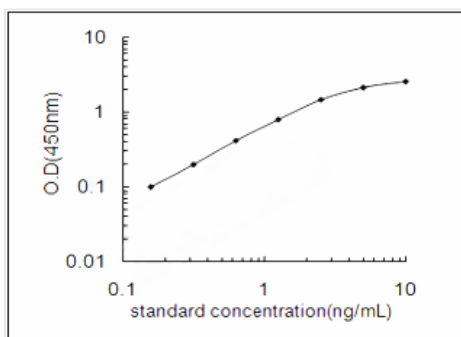
PRODUCT SYNONYMS

Mu-type opioid receptor; Mouse Mu-type opioid receptor ELISA Kit; M-OR-1; MOR-1; Oprm1; Mor; Oprm; Oprm1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Mu-type opioid receptor,M-OR-1
Sequence Length	438
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=8.7%
Recovery	102%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Oprm1 elisa kit	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. 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 +/- 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	89001114
NCBI GeneID	18390
NCBI Accession #	NP_001034741.1
NCBI GenBank Nucleotide #	NM_001039652.2
UniProt Accession #	P42866; Q4U2P4; Q4U2Q6; Q548C6; Q60768; Q6YC50; Q8CAN5; A1XGX3; A1XGX4; A1YAC3; A1YAC4; A5H7G2
Molecular Weight	44,654 Da
NCBI Official Full Name	mu-type opioid receptor isoform MOR-1C
NCBI Official Synonym Full Names	opioid receptor, mu 1
NCBI Official Symbol	Oprm1
NCBI Official Synonym Symbols	mor; Oprm; muOR; MOP-R; MOR-1; M-OR-1; MOR-1O
NCBI Protein Information	mu-type opioid receptor
UniProt Protein Name	Mu-type opioid receptor
UniProt Gene Name	Oprm1
UniProt Synonym Gene Names	Mor; Oprm; M-OR-1; MOR-1
UniProt Entry Name	OPRM_MOUSE

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.