

Human OPRM1 (Mu-type opioid receptor) ELISA Kit | OPRM1 elisa kit

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CATALOG #
AAA172667

REACTIVITY
Human

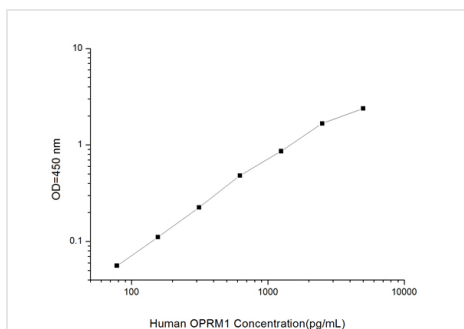
PRODUCT SYNONYMS

OPRM1 (Mu-type opioid receptor); Human OPRM1 (Mu-type opioid receptor) ELISA Kit; OPRM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human OPRM1. No significant cross-reactivity or interference between Human OPRM1 and analogues was observed.
Sequence Length	393
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OPRM1 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanOPRM1concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to OPRM1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for OPRM1and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain OPRM1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of OPRM1.You can calculate the concentration of OPRM1in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145553980
NCBI GeneID	25601
NCBI Accession #	NP_001033688.2
NCBI GenBank Nucleotide #	NM_001038599.2
Molecular Weight	43,317 Da
NCBI Official Full Name	mu-type opioid receptor isoform 1B2
NCBI Official Synonym Full Names	opioid receptor, mu 1
NCBI Official Symbol	Oprm1
NCBI Official Synonym Symbols	MORA; Oprm; Oprm1
NCBI Protein Information	mu-type opioid receptor
UniProt Protein Name	Mu-type opioid receptor
UniProt Gene Name	Oprm1
UniProt Synonym Gene Names	Ror-b; M-OR-1; MOR-1
UniProt Entry Name	OPRM_RAT

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.