

Human Sigma non opioid intracellular receptor 1 ELISA Kit | SIGMAR1 elisa kit

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CATALOG # AAA96094	REACTIVITY Human
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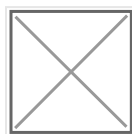
PRODUCT SYNONYMS

Sigma non opioid intracellular receptor 1; Human Sigma non opioid intracellular receptor 1 ELISA Kit; SIGMAR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIGMAR1 elisa kit	Principle of the assay: SIGMAR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SIGMAR1 antibody and an SIGMAR1-HRP conjugate. The assay sample and buffer are incubated together with SIGMAR1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SIGMAR1 concentration since SIGMAR1 from samples and SIGMAR1-HRP conjugate compete for the anti-SIGMAR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SIGMAR1 from the sample, fewer sites are left to bind SIGMAR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SIGMAR1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SIGMAR1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754942
NCBI GeneID	18391
NCBI Accession #	NP_035144.1
NCBI GenBank Nucleotide #	NM_011014.3

Molecular Weight	21,633 Da
NCBI Official Full Name	sigma non-opioid intracellular receptor 1 isoform 1
NCBI Official Synonym Full Names	sigma non-opioid intracellular receptor 1
NCBI Official Symbol	Sigmar1
NCBI Official Synonym Symbols	Oprs1; sigma1R; AL024364
NCBI Protein Information	sigma non-opioid intracellular receptor 1; sigma1-receptor; opioid receptor, sigma 1; sigma 1-type opioid receptor; sigma 1 receptor variant SR-1D
UniProt Protein Name	Sigma non-opioid intracellular receptor 1
UniProt Gene Name	Sigmar1
UniProt Synonym Gene Names	Oprs1; Sigma1-receptor; Sigma1R
UniProt Entry Name	SGMR1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sigmar1-human-elisa-kits/sigma-non-opioid-intracellular-receptor-1/96094>