

Human IL-31RB ELISA Kit | OSMR elisa kit

Human IL-31RB ELISA Kit

CATALOG # AAA261795	REACTIVITY Human	APPLICATIONS ELISA
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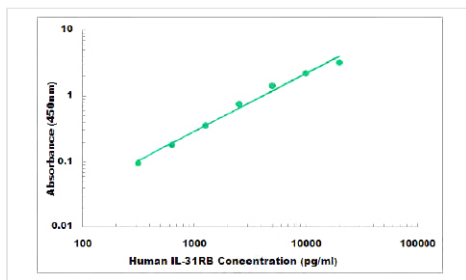
PRODUCT SYNONYMS

IL-31RB; Human IL-31RB ELISA Kit; OSMRB; Oncostatin-M-specific receptor subunit beta; Interleukin-31 receptor subunit beta; IL-31 receptor subunit beta; IL-31R subunit beta; IL-31R-beta; OSMR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human IL-31RB ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human IL-31RB proteins within the range of 312.5 pg/ml - 20000 pg/ml.
Sequence Length	979
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	80 pg/ml.
Applicable Applications for OSMR elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSMR elisa kit	Principle of the Assay The Human IL-31RB ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human IL-31RB in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human IL-31RB coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-31RB present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human IL-31RB antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-31RB bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Oncostatin M is a member of the IL6 family of cytokines. Functional receptors for IL6 family cytokines are multisubunit complexes involving members of the hematopoietin receptor superfamily. Many IL6 cytokines utilize gp130 as a common receptor subunit. OSM binds to the gp130 receptor subunit and, in association with the leukemia inhibitory factor receptor, induces a proliferative response in permissive cells. OSMR is an alternative subunit (for an OSM receptor complex (a heterodimer of gp130 and OSMR) that is activated by OSM but not by LIF.Oncostatin M is a member of the IL6 family of cytokines. Functional receptors for IL6 family cytokines are multisubunit complexes involving members of the hematopoietin receptor superfamily. Many IL6 cytokines utilize gp130 as a common receptor subunit. OSM binds to the gp130 receptor subunit and, in association with the leukemia inhibitory factor receptor, induces a proliferative response in permissive cells. OSMR is an alternative subunit (for an OSM receptor complex (a heterodimer of gp130 and OSMR) that is activated by OSM but not by LIF.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74724833
NCBI GeneID	9180
UniProt Accession #	Q99650; Q6P4E8; Q96QJ6
Molecular Weight	39,504 Da
NCBI Official Full Name	Oncostatin-M-specific receptor subunit beta
NCBI Official Synonym Full Names	oncostatin M receptor
NCBI Official Symbol	OSMR
NCBI Official Synonym Symbols	OSMRB; PLCA1
NCBI Protein Information	oncostatin-M-specific receptor subunit beta
UniProt Protein Name	Oncostatin-M-specific receptor subunit beta
UniProt Gene Name	OSMR
UniProt Synonym Gene Names	OSMRB; IL-31 receptor subunit beta; IL-31R subunit beta; IL-31R-beta; IL-31RB
UniProt Entry Name	OSMR_HUMAN

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.