

# Monkey Oncostatin M Receptor ELISA Kit | OSMR elisa kit

Monkey Oncostatin M Receptor ELISA Kit

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|------------------------------|-----------------------------|
| CATALOG #<br><b>AAA89833</b> | REACTIVITY<br><b>Monkey</b> |
|------------------------------|-----------------------------|

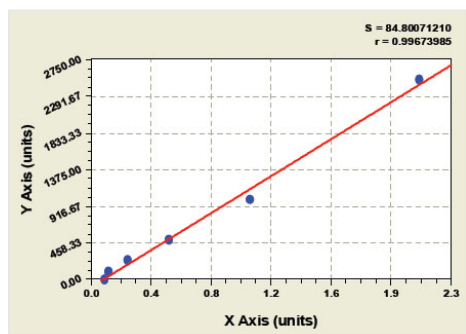
## PRODUCT SYNONYMS

Oncostatin M Receptor; Monkey Oncostatin M Receptor ELISA Kit; OSMR elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                              |
| Assay Type              | Sandwich                                                                                                                                                                                |
| Detection Range         | 25-500pg/mL                                                                                                                                                                             |
| Sensitivity             | 1.0pg/mL                                                                                                                                                                                |
| Intended Uses           | This OSMR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey OSMR. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                     |

## IMAGES



Standard Curve (Sample)

## ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Related Product Information for OSMR elisa kit | <p><b>Principle of the Assay:</b> OSMR ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for OSMR. Standards or samples are then added to the microtiter plate wells and OSMR if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of OSMR present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for OSMR are added to each well to "sandwich" the OSMR immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain OSMR and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OSMR concentration in each sample is interpolated from this standard curve.</p> |
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## NCBI AND UNIPROT INFORMATION

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|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">115529091</a>                                                                                                                                                                              |
| NCBI GeneID                      | <a href="#">9180</a>                                                                                                                                                                                   |
| Molecular Weight                 | 39,504 Da                                                                                                                                                                                              |
| NCBI Official Full Name          | Oncostatin M receptor                                                                                                                                                                                  |
| 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; IL-31RB; IL-31R-beta; IL-31R subunit beta; IL-31 receptor subunit beta; interleukin-31 receptor subunit beta; oncostatin-M specific receptor beta subunit |
| UniProt Protein Name             | Oncostatin-M-specific receptor subunit beta                                                                                                                                                            |
| UniProt Gene Name                | <b>OSMR</b>                                                                                                                                                                                            |
| 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.

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Online datasheet: <https://www.aaabiotech.com/osmr-monkey-elisa-kits/oncostatin-m-receptor/89833>