

Rat Interleukin-1 Receptor Type 2, IL1r2 ELISA Kit | IL1r2 elisa kit

Rat Interleukin-1 Receptor Type 2, IL1r2 Primacu ELISA Kit

CATALOG #
AAA124361

REACTIVITY
Rat

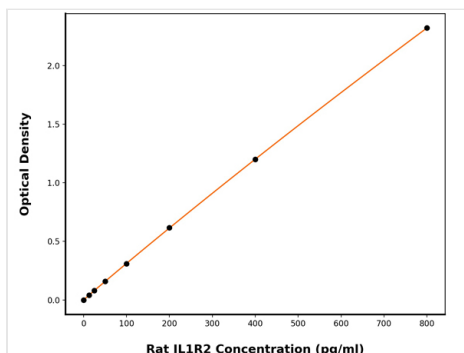
PRODUCT SYNONYMS

Interleukin-1 Receptor Type 2; IL1r2; Rat Interleukin-1 Receptor Type 2; IL1r2 Primacu ELISA Kit; Interleukin-1 receptor type 2; IL1R2; IL-1r2; IL1rb; IL1r2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	12.5-800pg/mL
Sensitivity	5.12pg/mL
Standard Solution	8ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for IL1r2 elisa kit

Interleukin 1 receptor, type II (IL1R2) also known as CD121b (Cluster of Differentiation 121b) is a cytokine receptor that belongs to the interleukin-1 receptor family. This protein binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I (IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. The pleiotropic cytokine IL1 is produced to regulate the development and maintenance of the inflammatory responses and binds to specific plasma membrane receptors on cells. Two distinct types of IL1 receptors that can bind IL1 specifically have been identified, designated as IL1RI (IL1RA) and IL1RII (IL1RB). IL1R1 contributes to IL-1 signaling, whereas the IL-1R2/CD121b has no signaling property and acts as a decoy for IL-1. IL-1R2/CD121b structurally consisting of a ligand-binding portion comprised of three Ig-like domains, a single transmembrane region, and a short cytoplasmic domain is expressed in a variety of cell types including B lymphocytes, neutrophils, monocytes, large granular leukocytes, and endothelial cells. Interleukin 4 (IL4) is reported to antagonize the activity of interleukin 1 by inducing the expression and release of this cytokine

Product Categories/Family for Il1r2
elisa kit

Primacu ELISA Kit; Cardiovascular; Immunology; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758836
NCBI GeneID	117022
NCBI Accession #	NP_446405.1
NCBI GenBank Nucleotide #	NM_053953.1
UniProt Accession #	P43303; Q5BJ99
Molecular Weight	46,353 Da
NCBI Official Full Name	interleukin-1 receptor type 2
NCBI Official Synonym Full Names	interleukin 1 receptor type 2
NCBI Official Symbol	Il1r2
NCBI Protein Information	interleukin-1 receptor type 2
UniProt Protein Name	Interleukin-1 receptor type 2
UniProt Gene Name	Il1r2
UniProt Synonym Gene Names	Il-1r2; Il1rb; IL-1R-2; IL-1RT-2; IL-1RT2; IL-1R-beta; mL-1R2; mL-1RII; sIL-1R2; sIL-1RII

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://www.aaabiotech.com/rat-elisa-kits/interleukin-1-receptor-type-2-il1r2/124361>