

Mouse interleukin 1 receptor antagonist ELISA Kit | IL1RN elisa kit

Mouse Interleukin 1 receptor antagonist, IL-1ra ELISA Kit

CATALOG #
AAA80383

REACTIVITY
Mouse

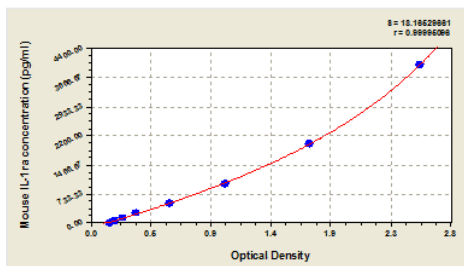
PRODUCT SYNONYMS

interleukin 1 receptor antagonist; Mouse Interleukin 1 receptor antagonist; IL-1ra ELISA Kit; IL-1ra ELISA kit; DIRA; ICIL-1RA; IL-1ra3; IL1F3; IL1RA; IRAP; MGC10430; MVCD4; IL1RN (IL1F3) ; OTTHUMP00000203730; intracellular IL-1 receptor antagonist type II; intracellular interleukin-1 receptor antagonist (icIL-1r; IL1RN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse IL1RN. No significant cross-reactivity or interference between Mouse IL1RN and analogues was observed.
Sequence Length	178
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	15.63 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1RN elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-1ra. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for IL-1ra and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain IL-1ra, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IL-1ra in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	89257344
NCBI GeneID	16181
NCBI Accession #	NP_001034790.1
NCBI GenBank Nucleotide #	NM_001039701.3
UniProt Accession #	P25085; O70207
Molecular Weight	20,274 Da
NCBI Official Full Name	interleukin-1 receptor antagonist protein isoform 2
NCBI Official Synonym Full Names	interleukin 1 receptor antagonist
NCBI Official Symbol	IL1rn
NCBI Official Synonym Symbols	IL-1ra; F630041P17Rik
NCBI Protein Information	interleukin-1 receptor antagonist protein; IRAP; IL-1RN; IL1 inhibitor
UniProt Protein Name	Interleukin-1 receptor antagonist protein
UniProt Gene Name	IL1rn
UniProt Synonym Gene Names	IL-1ra; IL-1RN; IL-1ra; IRAP
UniProt Entry Name	IL1RA_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/il1rn-mouse-elisa-kits/interleukin-1-receptor-antagonist/80383>