

Rat Interleukin 1 Receptor Antagonist ELISA Kit | IL-1ra elisa kit

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CATALOG #
AAA98779

REACTIVITY
Rat

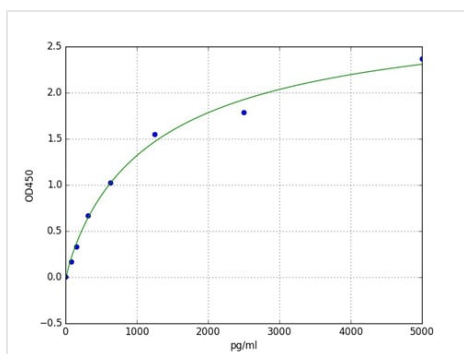
PRODUCT SYNONYMS

Interleukin 1 Receptor Antagonist; Rat Interleukin 1 Receptor Antagonist ELISA Kit; IL-1ra/IL-1RA/IL-1ra/IL-1F3/IL1RN/DIRA/ICIL-1RA/IL-1RN/IL-1ra3/IL1F3/IL1RA/IRAP/MVCD4; IL-1ra elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	177
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Rat IL-1ra ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.004	0.159	0.307	0.499	1.028	2.049	1.699	2.655

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-1ra elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat IL-1ra antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat IL-1ra antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat IL-1ra amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat IL-1ra can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	186386
NCBI GeneID	3557
Molecular Weight	16,142 Da
NCBI Official Full Name	interleukin 1 receptor antagonist
NCBI Official Synonym Full Names	interleukin 1 receptor antagonist
NCBI Official Symbol	IL1RN
NCBI Official Synonym Symbols	DIRA; IRAP; IL1F3; IL1RA; MVCD4; IL-1RN; IL-1ra; IL-1ra3; ICIL-1RA
NCBI Protein Information	interleukin-1 receptor antagonist protein
UniProt Protein Name	Interleukin-1 receptor antagonist protein
UniProt Gene Name	IL1RN
UniProt Synonym Gene Names	IL1F3; IL1RA; IL-1RN; IL-1ra; IRAP
UniProt Entry Name	IL1RA_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://stage.aaabiotech.com/il-1ra-rat-elisa-kits/interleukin-1-receptor-antagonist/98779>