

Pig interleukin 1 receptor antagonist ELISA Kit | IL1RN elisa kit

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

CATALOG #
AAA15089

REACTIVITY
Pig

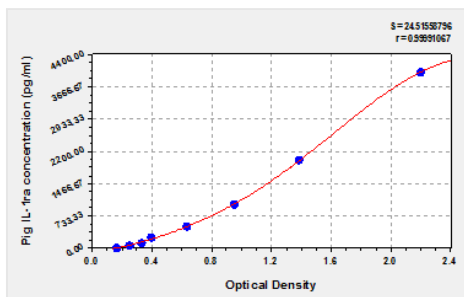
PRODUCT SYNONYMS

interleukin 1 receptor antagonist; Pig 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	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig IL-1ra. No significant cross-reactivity or interference between pig IL-1ra and analogues was observed.
Sequence Length	177
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-1ra has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-1ra present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-1ra is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL-1ra bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55742626
NCBI GeneID	397499
NCBI Accession #	NP_999427.1
NCBI GenBank Nucleotide #	NM_214262.1
UniProt Accession #	Q29056
Molecular Weight	20,093 Da
NCBI Official Full Name	interleukin-1 receptor antagonist protein
NCBI Official Symbol	IL1RN
NCBI Official Synonym Symbols	IRAP1
NCBI Protein Information	interleukin-1 receptor antagonist protein; IRAP; IL-1RN; IL-1ra; IL1 inhibitor
UniProt Protein Name	Interleukin-1 receptor antagonist protein
UniProt Gene Name	IL1RN
UniProt Synonym Gene Names	IRAP1; IL-1RN; IL-1ra; IRAP
UniProt Entry Name	IL1RA_PIG

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/il1rn-pig-elisa-kits/interleukin-1-receptor-antagonist/15089>