

Guinea Pig Interleukin 1 receptor antagonist, IL-1ra ELISA Kit | IL-1ra elisa kit

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CATALOG #
AAA42580

REACTIVITY
Guinea Pig

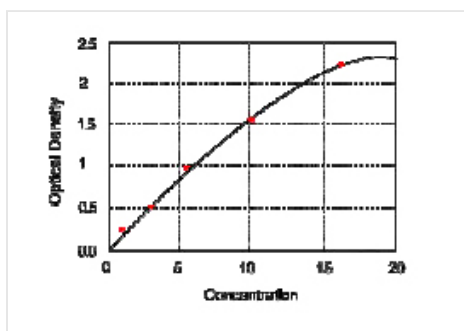
PRODUCT SYNONYMS

Interleukin 1 receptor antagonist; IL-1ra; Guinea Pig Interleukin 1 receptor antagonist; IL-1ra ELISA Kit; IL-1ra elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Sequence Length	177
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	3ng/ml-900ng/ml
Sensitivity	1.45ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-1ra elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Guinea pig Insulin-like Growth Factors 1 (also known as IGF-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Guinea pig IGF-1 antibody. IGF-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Guinea pig IGF-1 Antibody is added and binds to IGF-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IGF-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Guinea pig IGF-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	130502132
NCBI GeneID	100009558
NCBI Accession #	NP_001076239.1
NCBI GenBank Nucleotide #	NM_001082770.1
UniProt Accession #	P26890
Molecular Weight	20,214 Da
NCBI Official Full Name	interleukin-1 receptor antagonist protein
NCBI Official Symbol	IL1RN
NCBI Official Synonym Symbols	IL1RA; 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	IL1RA; IL-1RN; IL-1ra; IRAP

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/guinea-pig-pig-elisa-kits/interleukin-1-receptor-antagonist-il-1ra/42580>