

GuineaPig Interleukin 1 receptor antagonist ELISA Kit | IL-1ra/CD121 elisa kit

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CATALOG #
AAA87760

REACTIVITY
GuineaPig

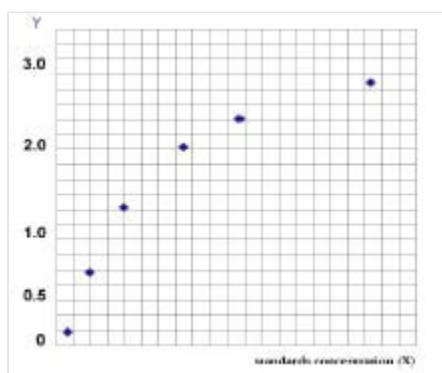
PRODUCT SYNONYMS

Interleukin 1 receptor antagonist; Guinea Pig Interleukin 1 receptor antagonist ELISA Kit; Guinea Pig Pig Interleukin 1 receptor antagonist ELISA Kit; Interleukin 1 receptor antagonist (Guinea Pig Pig); IL-1ra/CD121 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	GuineaPig
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-1ra/CD121 elisa kit

Intended Uses: This IL-1ra ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of IL-1ra in the sample, this IL-1ra ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus IL-1ra concentration. The concentration of IL-1ra in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This IL-1ra enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for IL-1ra. Standards or samples are then added to the microtiter plate wells and IL-1ra if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IL-1ra present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for IL-1ra are added to each well to "sandwich" the IL-1ra immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IL-1ra and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124308
NCBI GeneID	3554
UniProt Accession #	P14778; Q58717
Molecular Weight	65,402 Da
NCBI Official Full Name	Interleukin-1 receptor type 1
NCBI Official Synonym Full Names	interleukin 1 receptor, type I
NCBI Official Symbol	IL1R1
NCBI Official Synonym Symbols	P80; IL1R; IL1RA; CD121A; D2S1473; IL-1R-alpha
NCBI Protein Information	interleukin-1 receptor type 1; IL-1R-1; IL-1RT1; IL-1RT-1; antigen CD121a; interleukin receptor 1; interleukin-1 receptor alpha; interleukin-1 receptor type I; CD121 antigen-like family member A; interleukin 1 receptor alpha, type I
UniProt Protein Name	Interleukin-1 receptor type 1
UniProt Gene Name	IL1R1
UniProt Synonym Gene Names	IL1R; IL1RA; IL1RT1; IL-1R-1; IL-1RT-1; IL-1RT1; IL-1R-alpha; mIL-1R1; mIL-1RI; sIL-1R1; sIL-1RI
UniProt Entry Name	IL1R1_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-cd121-pig-elisa-kits/interleukin-1-receptor-antagonist/87760>