

Porcine Interleukin 1 Receptor antagonist ELISA Kit | IL1RA elisa kit

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CATALOG #
AAA90552

REACTIVITY
Porcine

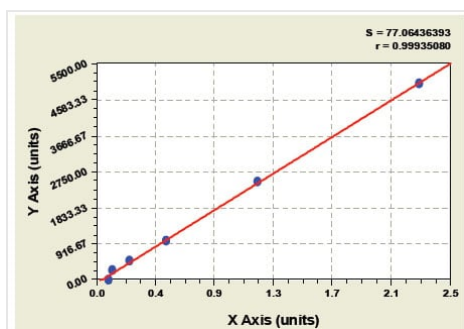
PRODUCT SYNONYMS

Interleukin 1 Receptor antagonist; Porcine Interleukin 1 Receptor antagonist ELISA Kit; IL1RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Intended Uses	This IL1RA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine IL1RA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1RA elisa kit

Principle of the Assay: IL1RA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IL1RA. Standards or samples are then added to the microtiter plate wells and IL1RA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IL1RA present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for IL1RA are added to each well to "sandwich" the IL1RA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IL1RA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL1RA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL1RA elisa kit

[Immunology](#)

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; IL1 inhibitor; IL1RN (IL1F3); type II interleukin-1 receptor antagonist; intracellular IL-1 receptor antagonist type II; intracellular interleukin-1 receptor antagonist (icIL-1ra)
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/il1ra-porcine-elisa-kits/interleukin-1-receptor-antagonist/90552>