

Human IL-1RA ELISA Kit | IL-1RA elisa kit

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CATALOG #
AAA281558

REACTIVITY
Human

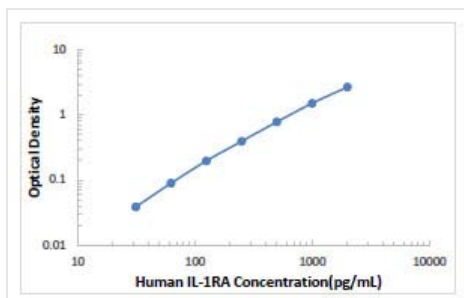
PRODUCT SYNONYMS

IL-1RA; Human IL-1RA ELISA Kit; IL-1RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL-1RA. No significant cross-reactivity or interference between IL-1RA and analogues was observed.
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Quantitative Sandwich
Sensitivity	< 15.1pg/mL
Intra-assay Precision	Three samples of known concentration were tested 20 times on one plate to evaluate the Intra-plate precision.
Inter-assay Precision	Three samples of known concentration were tested 20 times separate assays to evaluate the Inter-plate precision. Assay were using two lots of components.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-1RA elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. A monoclonal 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. Following incubation unbound samples are removed during a wash step, and then a detection antibody specific for IL-1RA is added to the wells and binds to the combination of capture antibody IL-1RA in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate is added. A colored product TMB is formed in proportion to the amount of IL-1RA present in the sample. The reaction is terminated by addition of acid and absorbance is measured. A standard curve is prepared from seven IL-1RA standard dilutions and IL-1RA sample concentration determined.

Background/Introduction: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL-1RA in serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

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/human-elisa-kits/il-1ra/281558>