

Guinea Pig Interleukin 1Beta (IL-1B) ELISA Kit | IL-1B elisa kit

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CATALOG #
AAA121315

REACTIVITY
Guinea Pig

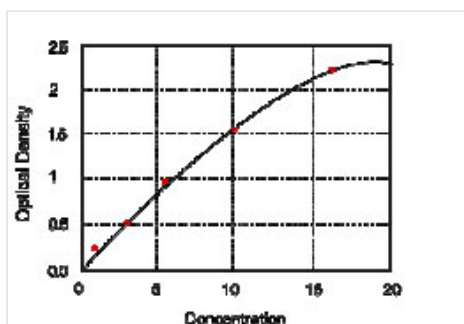
PRODUCT SYNONYMS

Interleukin 1Beta (IL-1B); Guinea Pig Interleukin 1Beta (IL-1B) ELISA Kit; IL-1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Sequence Length	248
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/L - 70ng/L
Sensitivity	0.12ng/L
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-1B elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Guinea Pig Interleukin 1 Beta (also known as IL-1B) 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 IL-1B antibody. IL-1B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Guinea Pig IL-1B Antibody is added and binds to IL-1B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-1B 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 IL-1B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	152962704
Molecular Weight	28,253 Da
NCBI Official Full Name	interleukin-1beta
UniProt Protein Name	Interleukin-1
UniProt Gene Name	IL-1 beta

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-1beta-il-1b/121315>