

Monkey Interleukin Receptor Associated Kinase ELISA Kit | IRAK elisa kit

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CATALOG # AAA93819	REACTIVITY Monkey
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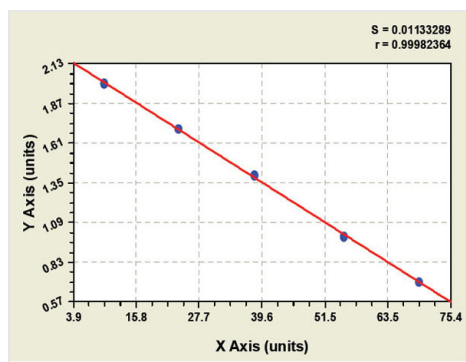
PRODUCT SYNONYMS

Interleukin Receptor Associated Kinase; Monkey Interleukin Receptor Associated Kinase ELISA Kit; IRAK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This IRAK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey IRAK. 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 IRAK elisa kit	Principle of the Assay: IRAK ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IRAK antibody and an IRAK-HRP conjugate. The assay sample and buffer are incubated together with IRAK-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IRAK concentration since IRAK from samples and IRAK-HRP conjugate compete for the anti-IRAK antibody binding site. Since the number of sites is limited, as more sites are occupied by IRAK from the sample, fewer sites are left to bind IRAK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IRAK concentration in each sample is interpolated from this standard curve.
Product Categories/Family for IRAK elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	68800243
NCBI GeneID	3654
NCBI Accession #	NP_001560.2
NCBI GenBank Nucleotide #	NM_001569.3
Molecular Weight	68,022 Da
NCBI Official Full Name	interleukin-1 receptor-associated kinase 1 isoform 1
NCBI Official Synonym Full Names	interleukin-1 receptor-associated kinase 1
NCBI Official Symbol	IRAK1
NCBI Official Synonym Symbols	IRAK; pelle
NCBI Protein Information	interleukin-1 receptor-associated kinase 1; IRAK-1; Pelle homolog
UniProt Protein Name	Interleukin-1 receptor-associated kinase 1
UniProt Gene Name	IRAK1
UniProt Synonym Gene Names	IRAK; IRAK-1
UniProt Entry Name	IRAK1_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/irak-monkey-elisa-kits/interleukin-receptor-associated-kinase/93819>