

Monkey Pirin ELISA Kit | PIR elisa kit

Monkey Pirin ELISA Kit

CATALOG #
AAA88501

REACTIVITY
Monkey

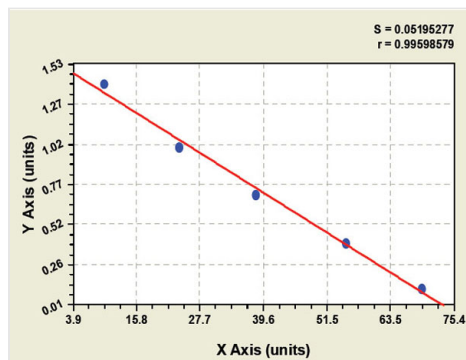
PRODUCT SYNONYMS

Pirin; Monkey Pirin ELISA Kit; PIR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PIR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey PIR. 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 PIR elisa kit

Principle of the Assay: PIR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PIR antibody and an PIR-HRP conjugate. The assay sample and buffer are incubated together with PIR-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 PIR concentration since PIR from samples and PIR-HRP conjugate compete for the anti-PIR antibody binding site. Since the number of sites is limited, as more sites are occupied by PIR from the sample, fewer sites are left to bind PIR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PIR concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456601
Molecular Weight	32,113 Da
NCBI Official Full Name	PIR, partial
UniProt Protein Name	Pirin
UniProt Gene Name	PIR
UniProt Synonym Gene Names	Probable quercetinase
UniProt Entry Name	PIR_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://www.aaabiotech.com/pir-monkey-elisa-kits/pirin/88501>