

Human Pirin ELISA Kit | PIR elisa kit

Human Pirin (PIR) ELISA Kit

CATALOG #
AAA55365

REACTIVITY
Human

PRODUCT SYNONYMS

Pirin; Human Pirin (PIR) ELISA Kit; PIR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PIR. No significant cross-reactivity or interference between Human PIR and analogues was observed.
Sequence Length	290
Samples	serum, plasma, cell culture supernates and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.1 ng/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PIR elisa kit	Intended Uses: For the quantitative detection of Human Pirin (PIR) concentration in serum, plasma, cell culture supernates and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PIR in Human serum, plasma, cell culture supernates. An antibody specific for PIR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PIR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PIR is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PIR bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66363697
NCBI GeneID	8544
NCBI Accession #	NP_001018119.1
NCBI GenBank Nucleotide #	NM_001018109.2
UniProt Accession #	O00625; Q5U0G0; Q6FHD2
Molecular Weight	32,113 Da

NCBI Official Full Name	pirin
NCBI Official Synonym Full Names	pirin
NCBI Official Symbol	PIR
NCBI Protein Information	pirin
UniProt Protein Name	Pirin
UniProt Gene Name	PIR
UniProt Synonym Gene Names	Probable quercetinase

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-human-elisa-kits/pirin/55365>