Rat AIP ELISA Kit | AIP elisa kit

Rat AIP (Aryl Hydrocarbon Receptor Interacting Protein) ELISA Kit

CATALOG #	REACTIVITY
AAA165075	**Rat**

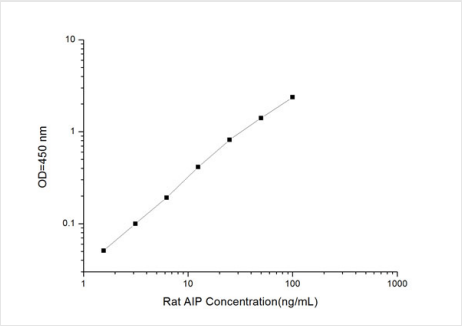
PRODUCT SYNONYMS

AIP; Rat AIP (Aryl Hydrocarbon Receptor Interacting Protein) ELISA Kit; AIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat AIP. No significant cross-reactivity or interference between Rat AIP and analogues was observed.
Sequence Length	330
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	1.563-100ng/mL
Sensitivity	Min: 0.938ng/mL; Max: 100ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AIP elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat AIP concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to AIP. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for AIP and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain AIP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of AIP. You can calculate the concentration of AIP in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	201860300
NCBI GeneID	9049
NCBI Accession #	NP_003968.2
NCBI GenBank Nucleotide #	NM_003977.2
UniProt Accession #	O00170; Q2M3Q2; Q99606; A0SZW3; A0SZW4; A0SZW5; A0SZW6
Molecular Weight	37,636 Da
NCBI Official Full Name	AH receptor-interacting protein
NCBI Official Synonym Full Names	aryl hydrocarbon receptor interacting protein
NCBI Official Symbol	AIP
NCBI Official Synonym Symbols	ARA9; XAP2; XAP-2; FKBP16; FKBP37; SMTPHN
NCBI Protein Information	AH receptor-interacting protein; HBV X-associated protein 2; immunophilin homolog ARA9
UniProt Protein Name	AH receptor-interacting protein
UniProt Gene Name	**AIP**
UniProt Synonym Gene Names	XAP2; AIP; XAP-2
UniProt Entry Name	AIP_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/rat-elisa-kits/aip/165075