

Rat Aryl hydrocarbon receptor ELISA Kit | Ahr elisa kit

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CATALOG #
AAA192542

REACTIVITY
Rat

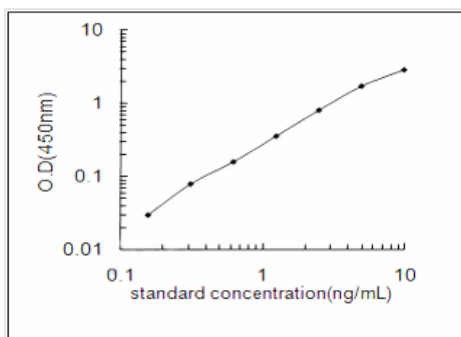
PRODUCT SYNONYMS

Aryl hydrocarbon receptor; Rat Aryl hydrocarbon receptor ELISA Kit; Ah receptor; AhR; Ahr; Ahr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	853
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.085 ng/mL
Intra-Assay CV	<=5.7%
Inter-Assay CV	<=8.4%
Recovery	98%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ahr elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29337195
NCBI GeneID	25690
UniProt Accession #	P41738; O88930; O89105
Molecular Weight	69,332 Da
NCBI Official Full Name	Aryl hydrocarbon receptor
NCBI Official Synonym Full Names	aryl hydrocarbon receptor
NCBI Official Symbol	Ahr
NCBI Protein Information	aryl hydrocarbon receptor
UniProt Protein Name	Aryl hydrocarbon receptor
UniProt Gene Name	Ahr
UniProt Synonym Gene Names	Ah receptor; AhR
UniProt Entry Name	AHR_RAT

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.