

Mouse aryl hydrocarbon receptor, AhR ELISA Kit | AhR elisa kit

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CATALOG #
AAA121535

REACTIVITY
Mouse

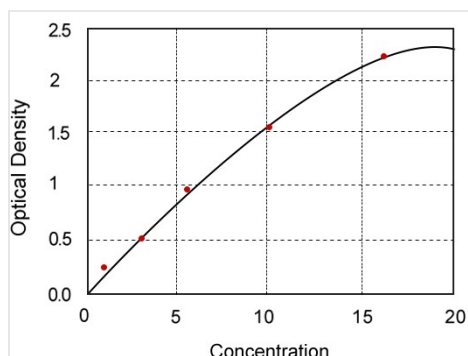
PRODUCT SYNONYMS

aryl hydrocarbon receptor; AhR; Mouse aryl hydrocarbon receptor; AhR ELISA Kit; AhR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	848
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	6ng/L - 1500ng/L
Sensitivity	3.22ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AhR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of mouse Aryl Hydrocarbon Receptor (also known as AhR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with mouse AhR antibody. AhR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated mouse AhR Antibody is added and binds to AhR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AhR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of mouse AhR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502003
NCBI GeneID	196
NCBI Accession #	NP_001612.1
NCBI GenBank Nucleotide #	NM_001621.4
UniProt Accession #	P35869; Q13728; Q13803; Q13804; A4D130
Molecular Weight	96,147 Da
NCBI Official Full Name	aryl hydrocarbon receptor
NCBI Official Synonym Full Names	aryl hydrocarbon receptor
NCBI Official Symbol	AHR
NCBI Official Synonym Symbols	bHLHe76
NCBI Protein Information	aryl hydrocarbon receptor
UniProt Protein Name	Aryl hydrocarbon receptor
UniProt Gene Name	AHR
UniProt Synonym Gene Names	BHLHE76; Ah receptor; AhR; bHLHe76

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/mouse-elisa-kits/aryl-hydrocarbon-receptor-ahr/121535>