

Mouse AHRR (Aryl Hydrocarbon Receptor Repressor) ELISA Kit | AHRR elisa kit

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CATALOG #
AAA277805

REACTIVITY
Mouse

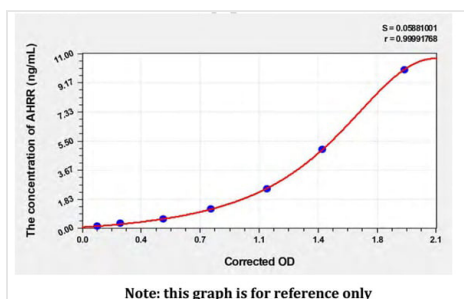
PRODUCT SYNONYMS

AHRR (Aryl Hydrocarbon Receptor Repressor); Mouse AHRR (Aryl Hydrocarbon Receptor Repressor) ELISA Kit; AHH; AHHR; BHLHE77; Aryl Hydrocarbon Receptor Regulator; Class E basic helix-loop-helix protein 77; AHRR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse AHRR. No significant cross-reactivity or interference between Mouse AHRR and analogues was observed.
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.097 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AHRR elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse AHRR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse AHRR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse AHRR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Mouse AHRR in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753016
NCBI GeneID	11624
NCBI Accession #	NP_033774.1
NCBI GenBank Nucleotide #	NM_009644.2
UniProt Accession #	Q3U1U7; Q147Z5; Q3U3H6; Q69ZN4; Q9Z312
Molecular Weight	77,726 Da
NCBI Official Full Name	aryl hydrocarbon receptor repressor
NCBI Official Synonym Full Names	aryl-hydrocarbon receptor repressor
NCBI Official Symbol	Ahrr
NCBI Official Synonym Symbols	mKIAA1234
NCBI Protein Information	aryl hydrocarbon receptor repressor; ahR repressor
UniProt Protein Name	Aryl hydrocarbon receptor repressor
UniProt Gene Name	Ahrr
UniProt Synonym Gene Names	Kiaa1234; AhR repressor; AhRR
UniProt Entry Name	AHRR_MOUSE

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/ahrr-aryl-hydrocarbon-receptor-repressor/277805>