

AHR (Human) Cell-Based ELISA Kit

Catalog # KA2562 Size 1 Kit

Specification

Product Description	AHR (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of AHR expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — AHR

Entrez GeneID	196
Protein Accession#	P35869 (Gene ID : 196);A9YTQ3 (Gene ID : 57491)
Gene Name	AHR
Gene Alias	bHLHe76
Gene Description	aryl hydrocarbon receptor

Omim ID	600253
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a ligand-activated transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. This receptor has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450. Its ligands included a variety of aromatic hydrocarbons. [provided by RefSeq]
Other Designations	AH-receptor aromatic hydrocarbon receptor

Gene Info — AHRR

Entrez GeneID	57491
Protein Accession#	P35869 (Gene ID : 196);A9YQ3 (Gene ID : 57491)
Gene Name	AHRR
Gene Alias	AHH, AHHR, KIAA1234, MGC167813, MGC176630, bHLHe77
Gene Description	aryl-hydrocarbon receptor repressor
Omim ID	606517
Gene Ontology	Hyperlink
Gene Summary	Dioxin is a teratogen that exerts its effects through the arylhydrocarbon receptor in conjunction with the receptor's binding partner, arylhydrocarbon receptor nuclear translocator. The protein encoded by this gene represses signal transduction by the arylhydrocarbon receptor by competing with the arylhydrocarbon receptor nuclear translocator for binding to the arylhydrocarbon receptor. Expression of the repressor is stimulated by the receptor/translocator heterodimer, thereby regulating receptor function through a negative feedback mechanism. In addition, the encoded protein can bind to nuclear factor kappa-B. [provided by RefSeq]
Other Designations	aryl hydrocarbon hydroxylase regulator aryl hydrocarbon receptor regulator arylhydrocarbon receptor repressor dioxin receptor repressor

Disease

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- [Adenocarcinoma](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)

- [Azoospermia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Endometriosis](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Infertility](#)
- [Infertility](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lung Neoplasms](#)

- [Lymphoma](#)
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- [Oligospermia](#)
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- [Prostate cancer](#)
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- [Pulmonary Disease](#)
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- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
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- [Uterine Diseases](#)
- [Werner syndrome](#)
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