

Mouse Aryl Hydrocarbon Receptor Nuclear Translocator (ARNT) RTU ELISA Kit | ARNT rtu elisa kit

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CATALOG #
AAA69212

REACTIVITY
Mouse

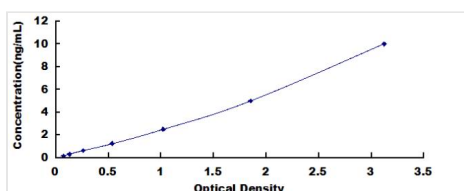
PRODUCT SYNONYMS

Aryl Hydrocarbon Receptor Nuclear Translocator (ARNT); Mouse Aryl Hydrocarbon Receptor Nuclear Translocator (ARNT) ELISA Kit; HIF-1beta; bHLHe2; Hypoxia Inducible Factor 1 Beta; Class E basic helix-loop-helix protein 2; Dioxin receptor; nuclear translocator; Hypoxia-inducible factor 1-beta; ARNT rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	791
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARNT rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ARNT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ARNT. 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 ARNT, 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 $\pm$ 10nm. The concentration of ARNT in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	83627709
NCBI GeneID	11863
NCBI Accession #	NP_001032826.1
NCBI GenBank Nucleotide #	NM_001037737.2
UniProt Accession #	P53762; Q60661; Q921F3
Molecular Weight	84,613 Da
NCBI Official Full Name	aryl hydrocarbon receptor nuclear translocator isoform a
NCBI Official Synonym Full Names	aryl hydrocarbon receptor nuclear translocator
NCBI Official Symbol	Arnt
NCBI Official Synonym Symbols	Drnt; Hif1b; ESTM42; W08714; bHLHe2; mKIAA4051; D3Ert557e
NCBI Protein Information	aryl hydrocarbon receptor nuclear translocator
UniProt Protein Name	Aryl hydrocarbon receptor nuclear translocator
UniProt Gene Name	Arnt
UniProt Synonym Gene Names	ARNT protein; HIF-1-beta; HIF1-beta

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-rtu-elisa-kits/aryl-hydrocarbon-receptor-nuclear-translocator-arnt/69212>