

Mouse Aryl hydrocarbon receptor nuclear translocator ELISA Kit | Arnt elisa kit

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CATALOG #
AAA98466

REACTIVITY
Mouse

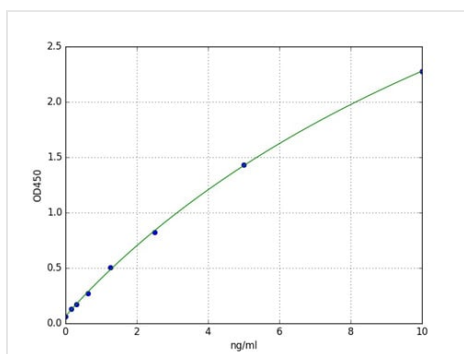
PRODUCT SYNONYMS

Aryl hydrocarbon receptor nuclear translocator; Mouse Aryl hydrocarbon receptor nuclear translocator ELISA Kit; Arnt/ARNT/Hypoxia-inducible factor 1-beta (HIF-1-beta/HIF1-beta)/Class E basic helix-loop-helix protein 2 (bHLHe2)/Dioxin receptor; nuclear translocator/HIF-1 beta/TANGO/ARNT protein/aryl hydrocarbon receptor nuclear translocator/BHLHE2/HIF-1 Beta/HIF1B/HIF1BETA/HIF-1-beta/HIF1-beta/hypoxia-inducible factor 1; beta subunit/Hypoxia-inducible factor 1-beta/nuclear translocator; Arnt elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	50
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Arnt ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.024	0.156	0.313	0.430	0.882	1.180	2.065	2.484

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Arnt elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Arnt antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Arnt antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Arnt amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Arnt can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	338522013
NCBI GeneID	405
Molecular Weight	86,366 Da
NCBI Official Full Name	aryl hydrocarbon receptor nuclear translocator, partial
NCBI Official Synonym Full Names	aryl hydrocarbon receptor nuclear translocator
NCBI Official Symbol	ARNT
NCBI Official Synonym Symbols	HIF1B; TANGO; bHLHe2; HIF1BETA; HIF-1beta; HIF1-beta; HIF-1-beta
NCBI Protein Information	aryl hydrocarbon receptor nuclear translocator
UniProt Protein Name	Aryl hydrocarbon receptor nuclear translocator
UniProt Gene Name	ARNT
UniProt Synonym Gene Names	BHLHE2; ARNT protein; bHLHe2; HIF-1-beta; HIF1-beta
UniProt Entry Name	ARNT_HUMAN

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/arnt-mouse-elisa-kits/aryl-hydrocarbon-receptor-nuclear-translocator/98466>