

Porcine Aryl Hydrocarbon Receptor Nuclear Translocator 2 ELISA Kit | ARNT2 elisa kit

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CATALOG #
AAA96495

REACTIVITY
Porcine

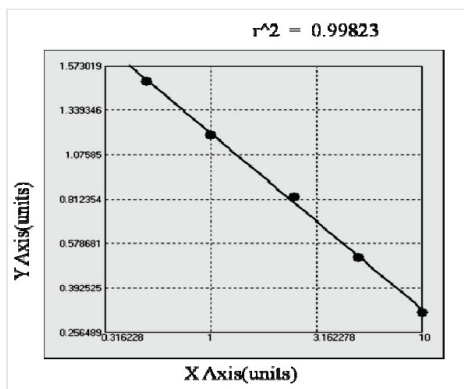
PRODUCT SYNONYMS

Aryl Hydrocarbon Receptor Nuclear Translocator 2; Porcine Aryl Hydrocarbon Receptor Nuclear Translocator 2 ELISA Kit; ARNT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This ARNT2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ARNT2. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARNT2 elisa kit

Principle of the Assay: ARNT2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ARNT2 antibody and an ARNT2-HRP conjugate. The assay sample and buffer are incubated together with ARNT2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ARNT2 concentration since ARNT2 from samples and ARNT2-HRP conjugate compete for the anti-ARNT2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ARNT2 from the sample, fewer sites are left to bind ARNT2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ARNT2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68303555
NCBI GeneID	9915
NCBI Accession #	NP_055677.3
NCBI GenBank Nucleotide #	NM_014862.3
Molecular Weight	77,612 Da
NCBI Official Full Name	aryl hydrocarbon receptor nuclear translocator 2
NCBI Official Synonym Full Names	aryl-hydrocarbon receptor nuclear translocator 2
NCBI Official Symbol	ARNT2
NCBI Official Synonym Symbols	WEDAS; bHLHe1
NCBI Protein Information	aryl hydrocarbon receptor nuclear translocator 2; ARNT protein 2; class E basic helix-loop-helix protein 1
UniProt Protein Name	Aryl hydrocarbon receptor nuclear translocator 2
UniProt Gene Name	ARNT2
UniProt Synonym Gene Names	BHLHE1; KIAA0307; ARNT protein 2; bHLHe1
UniProt Entry Name	ARNT2_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/arnt2-porcine-elisa-kits/aryl-hydrocarbon-receptor-nuclear-translocator-2/96495>