

Mouse AXL ELISA Kit | AXL elisa kit

Mouse AXL ELISA Kit

CATALOG # AAA105671	REACTIVITY Mouse	APPLICATIONS ELISA
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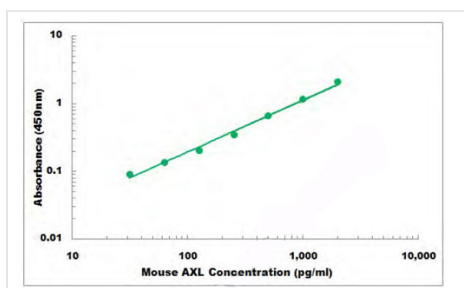
PRODUCT SYNONYMS

AXL; Mouse AXL ELISA Kit; UFO; Tyrosine-protein kinase receptor UFO; AXL oncogene; AXL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse AXL ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse AXL proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	888
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for AXL elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AXL elisa kit	Principle of the Assay The Bioscience Mouse AXL ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse AXL in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse AXL coated on a 96-well plate. Standards and samples are pipetted into the wells and AXL present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse AXL antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of AXL bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Tyrosine-protein kinase receptor UFO is an enzyme that in humans is encoded by the AXL gene. The protein encoded by this gene is a member of the receptor tyrosine kinase subfamily. Although it is similar to other receptor tyrosine kinases, the Axl protein represents a unique structure of the extracellular region that juxtaposes IgL and FNIII repeats. It transduces signals from the extracellular matrix into the cytoplasm by binding growth factors like vitamin K-dependent protein growth-arrest-specific gene 6. It is involved in the stimulation of cell proliferation. This receptor can also mediate cell aggregation by homophilic binding. Axl is a chronic myelogenous leukemia-associated oncogene and also associated with colon cancer and melanoma. It is in close vicinity to the bcl3 oncogene, which is at 19q13.1-q13.2. The Axl gene is evolutionarily conserved between vertebrate species. This gene has two different alternatively spliced transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31542164
NCBI GeneID	26362
NCBI Accession #	NP_033491.2
NCBI GenBank Nucleotide #	NM_009465.4
UniProt Accession #	Q00993; Q80YQ3
Molecular Weight	98,191 Da
NCBI Official Full Name	tyrosine-protein kinase receptor UFO isoform 1
NCBI Official Synonym Full Names	AXL receptor tyrosine kinase
NCBI Official Symbol	Axl
NCBI Official Synonym Symbols	Ark; Ufo; Tyro7; AI323647
NCBI Protein Information	tyrosine-protein kinase receptor UFO; ufo oncogene homolog; adhesion-related kinase
UniProt Protein Name	Tyrosine-protein kinase receptor UFO
UniProt Gene Name	Axl
UniProt Synonym Gene Names	Ark; Ufo
UniProt Entry Name	UFO_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/axl/105671>