

Human AXL ELISA Kit | AXL elisa kit

Human AXL PicoKine ELISA Kit

CATALOG #
AAA45903

REACTIVITY
Human

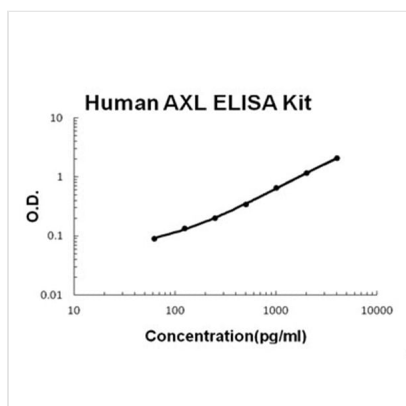
PRODUCT SYNONYMS

AXL; Human AXL PicoKine ELISA Kit; Tyrosine-protein kinase receptor UFO; AXL receptor tyrosine kinase; Adhesion related kinase; AI323647; Ark; AXL oncogene; AXL transforming gene; AXL transforming sequence/gene; JTK11; Oncogene AXL; Tyro7; Tyrosine protein kinase receptor UFO; UFO; AXL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human AXL
Sequence Length	894
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human AXL PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for AXL elisa kit	Principle of the assay: human AXL ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for AXL has been precoated onto 96-well plates. Standards(NSO, E33-P440) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for AXL is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 human AXL amount of sample captured in plate. Background: 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 #	239938818
NCBI GeneID	558
UniProt Accession #	P30530; Q8N5L2; Q9UD27
Molecular Weight	97,377 Da
NCBI Official Full Name	Tyrosine-protein kinase receptor UFO
NCBI Official Synonym Full Names	AXL receptor tyrosine kinase
NCBI Official Symbol	AXL
NCBI Official Synonym Symbols	UFO; JTK11
NCBI Protein Information	tyrosine-protein kinase receptor UFO; AXL oncogene; AXL transforming sequence/gene
UniProt Protein Name	Tyrosine-protein kinase receptor UFO
UniProt Gene Name	AXL
UniProt Synonym Gene Names	UFO
UniProt Entry Name	UFO_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.