

## Mouse AXL ELISA Kit | AXL elisa kit

Mouse AXL PicoKine ELISA Kit

CATALOG #  
**AAA45767**

REACTIVITY  
**Mouse**

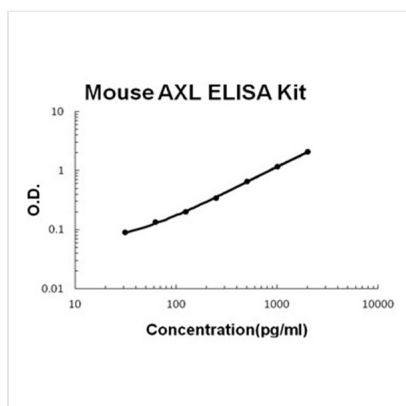
### PRODUCT SYNONYMS

AXL; Mouse 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              | Mouse                                                                                                                                                 |
| Specificity             | Natural and recombinant mouse AXL                                                                                                                     |
| Sequence Length         | 888                                                                                                                                                   |
| Samples                 | Cell culture supernates, serum and plasma (heparin, EDTA)                                                                                             |
| Assay Type              | Sandwich                                                                                                                                              |
| Detection Range         | 31.2pg/ml-2000pg/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)

Mouse AXL PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for AXL elisa kit | <p><b>Principle of the assay:</b> mouse AXL ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for AXL has been precoated onto 96-well plates. Standards (NSO, H2O-P443) 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 mouse AXL amount of sample captured in plate.</p> <p><b>Background:</b> 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.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| NCBI GI #                        | 342187104                                                                           |
| NCBI GeneID                      | 26362                                                                               |
| UniProt Accession #              | Q00993; Q80YQ3                                                                      |
| Molecular Weight                 | 98,191 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    | 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.