

Rat AXL Receptor Tyrosine Kinase (AXL) ELISA Kit | AXL elisa kit

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CATALOG #
AAA139116

REACTIVITY
Rat

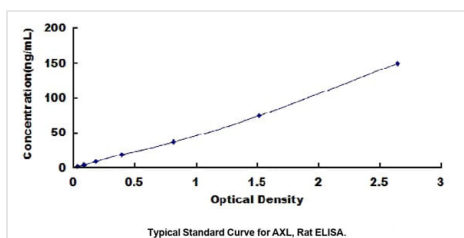
PRODUCT SYNONYMS

AXL Receptor Tyrosine Kinase (AXL); Rat AXL Receptor Tyrosine Kinase (AXL) ELISA Kit; UFO; JTK11; Tyrosine-protein kinase receptor UFO; AXL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of AXL. No significant cross-reactivity or interference between AXL and analogues was observed.
Sequence Length	885
Assay Type	Quantitative Sandwich
Samples	Rat tissue homogenates, cell lysates and other biological fluids
Detection Range	2.4-150ng/mL
Sensitivity	< 0.8ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level AXL were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level AXL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AXL elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to AXL. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to AXL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain AXL, biotin-conjugated antibody and enzymeconjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of AXL in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of AXL in rat tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for AXL elisa kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	21619004
NCBI GeneID	558
UniProt Accession #	P30530; Q8N5L2; Q9UD27
Molecular Weight	97,377 Da
NCBI Official Full Name	AXL receptor tyrosine kinase
NCBI Official Synonym Full Names	AXL receptor tyrosine kinase
NCBI Official Symbol	AXL
NCBI Official Synonym Symbols	ARK; UFO; JTK11; Tyro7
NCBI Protein Information	tyrosine-protein kinase receptor UFO
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.

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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/axl-receptor-tyrosine-kinase-axl/139116>