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# **AXL ELISA Kit**





#### Overview

Quantity:	1 kit
Target:	AXL
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

#### **Product Details**

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen	
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum	
Analytical Method:	Quantitative	
Detection Method:	Colorimetric	
Characteristics:	Synonyms: Adhesion related kinase, Al323647, Ark, AXL oncogene, AXL receptor tyrosine kinase, AXL transforming gene, AXL transforming sequence/gene, JTK11, Oncogene AXL,	

Tyro7, Tyrosine protein kinase receptor UFO, UFO
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.

Gene Name: AXL

Production: Natural and recombinant human AXL. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: E33-P440

# **Target Details**

Target:	AXL	
Alternative Name:	AXL (AXL Products)	
Gene ID:	558	
NCBI Accession:	NP_001690	
UniProt:	P30530	
Pathways:	RTK Signaling, Cellular Response to Molecule of Bacterial Origin	

#### **Application Details**

App	lication	Notes:
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Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL human AXL standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human AXL standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 62.5pg/mL-4000pg/mL

Sample Volume: 100 µL

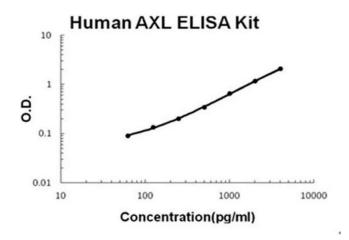
Plate: Pre-coated

Restrictions: For Research Use only

# Handling

Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at
	room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only
	prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid
	cycles of freezing and thawing.

# Images



#### **ELISA**

Image 1. Human AXL Accusignal ELISA Kit Human AXL AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.