

Human LRG1 ELISA Kit | LRG1 elisa kit

Human LRG1 (Leucine Rich Alpha-2-Glycoprotein 1) ELISA Kit

CATALOG #
AAA163809

REACTIVITY
Human

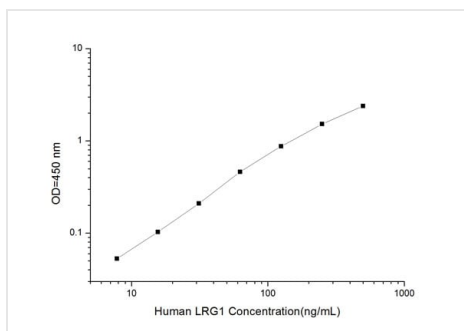
PRODUCT SYNONYMS

LRG1; Human LRG1 (Leucine Rich Alpha-2-Glycoprotein 1) ELISA Kit; LRG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human LRG1. No significant cross-reactivity or interference between Human LRG1 and analogues was observed.
Sequence Length	347
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	7.813-500ng/mL
Sensitivity	Min: 4.688ng/mL; Max: 500ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LRG1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human LRG1 concentrations in serum, plasma and other biological fluids. Principle of the Assay This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to LRG1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for LRG1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain LRG1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of LRG1. You can calculate the concentration of LRG1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16418467
NCBI GeneID	116844
NCBI Accession #	NP_443204.1
NCBI GenBank Nucleotide #	NM_052972.2
UniProt Accession #	P02750; Q8N4F5; Q96QZ4
Molecular Weight	38,178 Da
NCBI Official Full Name	leucine-rich alpha-2-glycoprotein
NCBI Official Synonym Full Names	leucine-rich alpha-2-glycoprotein 1
NCBI Official Symbol	LRG1
NCBI Official Synonym Symbols	LRG; HMFT1766
NCBI Protein Information	leucine-rich alpha-2-glycoprotein; 1300008B03Rik; 2310031E04Rik; leucine rich alpha 2 glycoprotein
UniProt Protein Name	Leucine-rich alpha-2-glycoprotein
UniProt Gene Name	LRG1
UniProt Synonym Gene Names	LRG; LRG
UniProt Entry Name	A2GL_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.