

Human LRG1 ELISA Kit | LRG1 elisa kit

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CATALOG #
AAA76960

REACTIVITY
Human

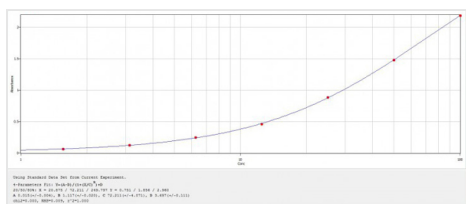
PRODUCT SYNONYMS

LRG1; Human LRG1 ELISA Kit; LRG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	347
Samples	Human samples
Assay Type	Sandwich
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LRG1 elisa kit

Intended Uses: The LRG1 test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring LRG1 in human biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use.

Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the LRG1 present in samples reacts with the anti-LRG1 antibodies, which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-LRG1 antibodies conjugated with horseradish peroxidase (HRP) are added. These enzyme-labeled antibodies form complexes with the previously bound LRG1. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of LRG1 in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of LRG1 in the test sample. The quantity of LRG1 in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.

Product Categories/Family for LRG1 elisa kit

[Infectious Disease Proteins](#)

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
UniProt Protein Name	Leucine-rich alpha-2-glycoprotein
UniProt Gene Name	LRG1
UniProt Synonym Gene Names	LRG; LRG

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/human-elisa-kits/lrg1/76960>