

Mouse Leucine-rich repeat-containing G-protein coupled receptor 5 (LGR5) ELISA Kit | LGR5 elisa kit

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CATALOG # AAA122612	REACTIVITY Mouse
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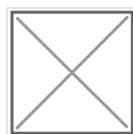
PRODUCT SYNONYMS

Leucine-rich repeat-containing G-protein coupled receptor 5 (LGR5); Mouse Leucine-rich repeat-containing G-protein coupled receptor 5 (LGR5) ELISA Kit; LGR5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	835
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 3500ng/L
Sensitivity	10.93ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LGR5 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Leucine-rich repeat-containing G-protein Coupled Receptor 5 (also known as LGR5) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse LGR5 antibody. LGR5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse LGR5 Antibody is added and binds to LGR5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LGR5 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse LGR5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	469608416
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NCBI GeneID	8549
NCBI Accession #	NP_001264156.1
NCBI GenBank Nucleotide #	NM_001277227.1
UniProt Accession #	O75473; Q4VAM0; Q4VAM2; Q9UP75; D8MCT0
Molecular Weight	97,404 Da
NCBI Official Full Name	leucine-rich repeat-containing G-protein coupled receptor 5 isoform 3
NCBI Official Synonym Full Names	leucine rich repeat containing G protein-coupled receptor 5
NCBI Official Symbol	LGR5
NCBI Official Synonym Symbols	FEX; HG38; GPR49; GPR67; GRP49
NCBI Protein Information	leucine-rich repeat-containing G-protein coupled receptor 5
UniProt Protein Name	Leucine-rich repeat-containing G-protein coupled receptor 5
UniProt Gene Name	LGR5
UniProt Synonym Gene Names	GPR49; GPR67

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://stage.aaabiotech.com/mouse-elisa-kits/leucine-rich-repeat-containing-g-protein-coupled-receptor-5-lgr5/122612>