

Human RXFP1 ELISA Kit | RXFP1 elisa kit

Human RXFP1 (Relaxin/Insulin Like Family Peptide Receptor 1) ELISA Kit

CATALOG #
AAA163823

REACTIVITY
Human

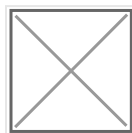
PRODUCT SYNONYMS

RXFP1; Human RXFP1 (Relaxin/Insulin Like Family Peptide Receptor 1) ELISA Kit; RXFP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human RXFP1. No significant cross-reactivity or interference between Human RXFP1 and analogues was observed.
Sequence Length	625
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RXFP1 elisa kit

Intended Uses: This ELISA kit applies to the invitro quantitative determination of Human RXFP1 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 RXFP1. 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 RXFP1 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 RXFP1, 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 RXFP1. You can calculate the concentration of RXFP1 in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

359279879

NCBI GeneID	59350
NCBI Accession #	NP_001240661.1
NCBI GenBank Nucleotide #	NM_001253732.1
UniProt Accession #	Q9HBX9; Q2M215; Q3KU24; Q3KU25; Q3KU26; B4DHD1; B4DTV2
Molecular Weight	75,272 Da
NCBI Official Full Name	relaxin receptor 1 isoform 6
NCBI Official Synonym Full Names	relaxin/insulin-like family peptide receptor 1
NCBI Official Symbol	RXFP1
NCBI Official Synonym Symbols	LGR7; RXFPR1
NCBI Protein Information	relaxin receptor 1; leucine-rich repeat-containing G protein-coupled receptor 7
UniProt Protein Name	Relaxin receptor 1
UniProt Gene Name	RXFP1
UniProt Synonym Gene Names	LGR7
UniProt Entry Name	RXFP1_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://stage.aaabiotech.com/human-elisa-kits/rxfp1/163823>