

Human Receptor-Type Tyrosine-Protein Phosphatase F (PTPRF) ELISA Kit | PTPRF elisa kit

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CATALOG # AAA331233	REACTIVITY Human
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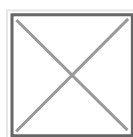
PRODUCT SYNONYMS

Receptor-Type Tyrosine-Protein Phosphatase F (PTPRF); Human Receptor-Type Tyrosine-Protein Phosphatase F (PTPRF) ELISA Kit; PTPRF; FLJ43335; FLJ45062; FLJ45567; LAR; LCA-homolog; OTTHUMP00000008683; OTTHUMP00000008684; leukocyte antigen-related (LAR) PTP receptor; leukocyte antigen-related tyrosine phosphatase; protein tyrosine phos; PTPRF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Receptor-type tyrosine-protein phosphatase F (PTPRF) ELISA Kit has high sensitivity and excellent specificity for detection of Human PTPRF. No significant cross-reactivity or interference between Human PTPRF and analogues was observed.
Sequence Length	1552
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Receptor-type tyrosine-protein phosphatase F (PTPRF) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PTPRF elisa kit	Description: This Human Receptor-type tyrosine-protein phosphatase F (PTPRF) ELISA Kit employs a two-site sandwich ELISA to quantitate PTPRF in samples. An antibody specific for PTPRF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTPRF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTPRF is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PTPRF bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Receptor-type tyrosine-protein phosphatase F is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region contains three Ig-like domains, and nine non-Ig like domains similar to that of neural-cell adhesion molecule. This PTP was shown to function in the regulation of epithelial cell-cell contacts at adherens junctions, as well as in the control of beta-catenin signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62088536
NCBI GeneID	5792
UniProt Accession #	P10586
NCBI Official Full Name	protein tyrosine phosphatase, receptor type, F isoform 2 variant, partial
NCBI Official Synonym Full Names	protein tyrosine phosphatase receptor type F
NCBI Official Symbol	PTPRF
NCBI Official Synonym Symbols	LAR; BNAH2
NCBI Protein Information	receptor-type tyrosine-protein phosphatase F
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase F
UniProt Gene Name	PTPRF
UniProt Synonym Gene Names	LAR; LAR
UniProt Entry Name	PTPRF_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/receptor-type-tyrosine-protein-phosphatase-f-ptprf/331233>