

Human Poliovirus Receptor-Related Protein 1 (PVRL1) ELISA Kit | PVRL1 elisa kit

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CATALOG #
AAA331218

REACTIVITY
Human

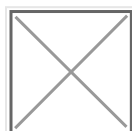
PRODUCT SYNONYMS

Poliovirus Receptor-Related Protein 1 (PVRL1); Human Poliovirus Receptor-Related Protein 1 (PVRL1) ELISA Kit; PVRL1; CD111; CLPED1; ED4; HlgR; HVEC; MGC142031; MGC16207; OFC7; PRR; PRR1; PVRR; PVRR1; SK-12; nectin-1; ectodermal dysplasia 4 (Margarita Island type); herpesvirus Ig-like receptor; nectin 1; poliovirus re; PVRL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Poliovirus receptor-related protein 1 (PVRL1) ELISA Kit has high sensitivity and excellent specificity for detection of Human PVRL1. No significant cross-reactivity or interference between Human PVRL1 and analogues was observed.
Sequence Length	517
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 Poliovirus receptor-related protein 1 (PVRL1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PVRL1 elisa kit	Description: This Human Poliovirus receptor-related protein 1 (PVRL1) ELISA Kit employs a two-site sandwich ELISA to quantitate PVRL1 in samples. An antibody specific for PVRL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PVRL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PVRL1 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 PVRL1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PVRL1, or nectin-1, belongs to the nectin subfamily of immunoglobulin-like adhesion molecules that participate in Ca(2+)-independent cell-cell adhesion. Nectins bind to the actin cytoskeleton through the adaptor protein afadin (MLLT4) and are key components of adherens junctions (summary by Barron et al. (2008)). Members of the immunoglobulin (Ig) superfamily have been shown to serve as receptors for various viruses. The human poliovirus receptor (PVR) is an integral membrane protein with one V-like extracellular Ig domain, 2 C-like extracellular Ig domains, a transmembrane region, and an intracytoplasmic region. Lopez et al. (1995) isolated a cDNA for a poliovirus receptor related gene, which they symbolized PRR.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42560237
NCBI GeneID	5818
NCBI Accession #	NP_002846.3
NCBI GenBank Nucleotide #	NP_002846.3
UniProt Accession #	Q15223
NCBI Official Full Name	nectin-1 isoform 1
NCBI Official Synonym Full Names	nectin cell adhesion molecule 1
NCBI Official Symbol	NECTIN1
NCBI Official Synonym Symbols	ED4; PRR; HlgR; HV1S; HVEC; OFC7; PRR1; PVRR; CD111; PVRL1; PVRR1; SK-12; CLPED1; nectin-1
NCBI Protein Information	nectin-1
UniProt Protein Name	Poliovirus receptor-related protein 1
UniProt Gene Name	PVRL1
UniProt Synonym Gene Names	HVEC; PRR1; Herpesvirus entry mediator C; HveC; HlgR
UniProt Entry Name	PVRL1_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/poliovirus-receptor-related-protein-1-pvrl1/331218>