

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

Human Poliovirus Receptor Related Protein 1 (PVRL1) ELISA Kit

CATALOG #
AAA184722

REACTIVITY
Human

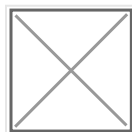
PRODUCT SYNONYMS

Poliovirus Receptor Related Protein 1 (PVRL1); Human Poliovirus Receptor Related Protein 1 (PVRL1) ELISA Kit; CD111; HVEC; PRR1; CLPED1; ED4; HIgR; OFC7; PRR; PVRR1; SK12; Nectin 1; Herpesvirus Entry Mediator C; Herpesvirus Ig-like receptor; PVRL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Poliovirus Receptor Related Protein 1 (PVRL1). No significant cross-reactivity or interference between Poliovirus Receptor Related Protein 1 (PVRL1) and analogues was observed.
Sequence Length	352
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.063ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Poliovirus Receptor Related Protein 1 (PVRL1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Poliovirus Receptor Related Protein 1 (PVRL1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PVRL1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Poliovirus Receptor Related Protein 1 (PVRL1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Poliovirus Receptor Related Protein 1 (PVRL1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Poliovirus Receptor Related Protein 1 (PVRL1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Poliovirus Receptor Related Protein 1 (PVRL1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	42560237
NCBI GeneID	5818
NCBI Accession #	NP_002846.3
NCBI GenBank Nucleotide #	NM_002855.4
UniProt Accession #	Q15223; O75465; Q2M3D3; Q9HBE6; Q9HBW2
Molecular Weight	39,150 Da
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	Nectin-1
UniProt Gene Name	NECTIN1
UniProt Synonym Gene Names	Herpesvirus entry mediator C; HveC; HlgR

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/poliovirus-receptor-related-protein-1-pvrl1/184722>