

Human CD112/Nectin-2/PVRL2 ELISA Kit | CD112/Nectin-2/PVRL2 elisa kit

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CATALOG #
AAA258319

REACTIVITY
Human

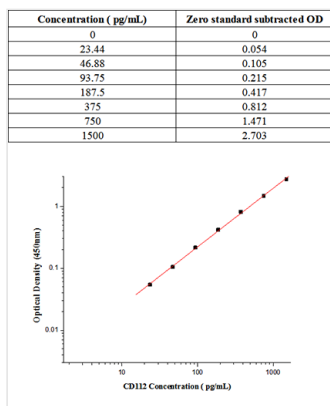
PRODUCT SYNONYMS

CD112/Nectin-2/PVRL2; Human CD112/Nectin-2/PVRL2 ELISA Kit; Nectin-2 ELISA Kit; Human; poliovirus receptor-related 2 (herpesvirus entry mediator B); CD112 ELISA Kit; HVEB ELISA Kit; PRR2 ELISA Kit; PVRL2 ELISA Kit; CD112/Nectin-2/PVRL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	For the quantitative determination of Human CD112/Nectin-2/PVRL2 concentration in serum.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum
Detection Range	23.4-1500pg/mL
Sensitivity	7.95pg/mL
Conjugation	HRP
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for CD112/Nectin-2/PVRL2 elisa kit	This Nectin-2 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human Nectin-2 protein in Serum. It contains recombinant Human Nectin-2, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: Cluster of Differentiation 112 (CD112), also known as poliovirus receptor related protein 2 (PVRL2 or PRR2), is a single-pass type I transmembrane glycoprotein belonging to the Immunoglobulin superfamily. CD112 protein also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and thus is involved in cell to cell spreading of these viruses. CD112 protein has been identified as the ligand for DNAM-1 (CD226), and the interaction of CD226/CD112 protein can induce NK cell- and CD8+ T cell-mediated cytotoxicity and cytokine secretion. CD112 has been regarded as a critical component in allergic reactions, and accordingly may function as a novel target for anti-allergic therapy.
References	Bachelet I, et al. (2006) Mast cell costimulation by CD226/CD112 (DNAM-1/Nectin-2): a novel interface in the allergic process. J Biol Chem. 281(37): 27190-6. Wang L, et al. (2009) Molecular cloning, characterization and three-dimensional modeling of porcine nectin-2/CD112. Vet Immunol Immunopathol. 132(2-4): 257-63.

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/cd112-nectin-2-pvrl2/258319>