

Human CD177 antigen ELISA Kit | CD177 elisa kit

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CATALOG #
AAA101041

REACTIVITY
Human

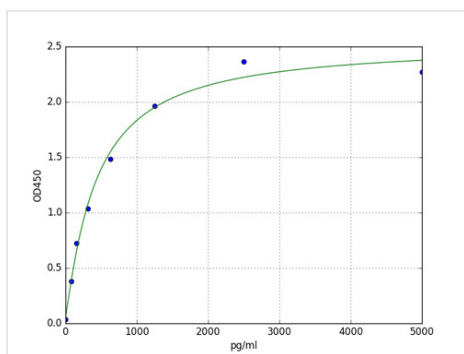
PRODUCT SYNONYMS

CD177 antigen; Human CD177 antigen ELISA Kit; CD177/CD177 antigen/Polycythemia rubra vera protein 1/PRV-1/Human neutrophil alloantigen 2a/HNA-2a/NB1 glycoprotein/NB1 GP/NB1/PRV1/HNA2A/PRV-1/HNA-2a/NB1 GP; CD177 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	437
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human CD177 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.040	0.211	0.349	0.595	0.972	1.338	1.772	2.153

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD177 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CD177 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CD177 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human CD177 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CD177 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110735433
NCBI GeneID	57126
NCBI Accession #	NP_065139.2
NCBI GenBank Nucleotide #	NM_020406.3
Molecular Weight	15,683 Da
NCBI Official Full Name	CD177 antigen
NCBI Official Synonym Full Names	CD177 molecule
NCBI Official Symbol	CD177
NCBI Official Synonym Symbols	NB1; PRV1; HNA2A; PRV-1; HNA-2a; NB1 GP
NCBI Protein Information	CD177 antigen
UniProt Protein Name	CD177 antigen
UniProt Gene Name	CD177
UniProt Synonym Gene Names	NB1; PRV1; HNA-2a; NB1 GP; PRV-1
UniProt Entry Name	CD177_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cd177-antigen/101041>