

Human CD276 antigen ELISA Kit | CD276 elisa kit

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CATALOG #
AAA102249

REACTIVITY
Human

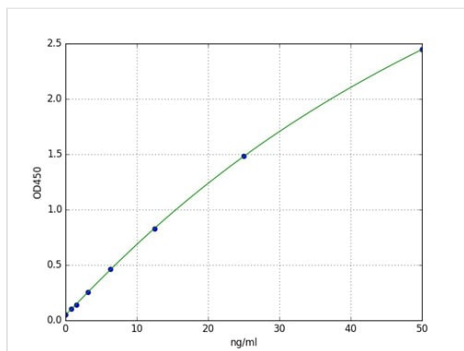
PRODUCT SYNONYMS

CD276 antigen; Human CD276 antigen ELISA Kit; CD276/B7-H3/B7H3/B7 homolog 3/CD276 antigen/CD276 molecule/Costimulatory molecule; CD276 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	534
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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 CD276 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	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.025	0.091	0.142	0.289	0.520	0.931	1.756	2.563

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD276 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CD276 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CD276 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. HRP-Streptavidin 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 CD276 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CD276 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

67188443

NCBI GeneID	80381
NCBI Accession #	NP_001019907.1
NCBI GenBank Nucleotide #	NM_001024736.1
Molecular Weight	57,165 Da
NCBI Official Full Name	CD276 antigen isoform a
NCBI Official Synonym Full Names	CD276 molecule
NCBI Official Symbol	CD276
NCBI Official Synonym Symbols	B7H3; B7-H3; B7RP-2; 4Ig-B7-H3
NCBI Protein Information	CD276 antigen
UniProt Protein Name	CD276 antigen
UniProt Gene Name	CD276
UniProt Synonym Gene Names	B7H3; B7-H3
UniProt Entry Name	CD276_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/cd276-antigen/102249>