

Human CD276 molecule ELISA Kit | CD276 elisa kit

Human Soluble CD276, sCD276/sB7-H3 ELISA Kit

CATALOG #
AAA112328

REACTIVITY
Human

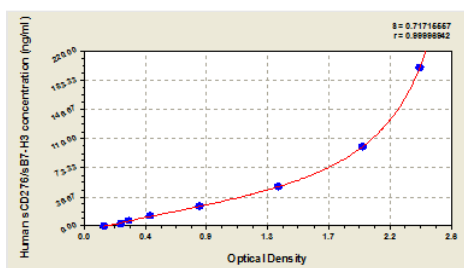
PRODUCT SYNONYMS

CD276 molecule; Human Soluble CD276; sCD276/sB7-H3 ELISA Kit; B7-H3; B7H3; B7 homolog 3; CD276 antigen; CD276 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human sCD276. No significant cross-reactivity or interference between human sCD276 and analogues was observed.
Sequence Length	534
Samples	Serum, plasma, urine, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	< 0.78 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD276 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for sCD276 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sCD276 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sCD276 is added to the wells. After washing, avidin 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 sCD276 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67188443
NCBI GeneID	80381
NCBI Accession #	NP_001019907.1
NCBI GenBank Nucleotide #	NM_001024736.1
UniProt Accession #	Q5ZPR3; Q6P5Y4; Q6UXI2; Q8NB18; Q8NC34; Q8NCB6; Q9BXR1
Molecular Weight	57,235 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; B7 homolog 3; costimulatory molecule
UniProt Protein Name	CD276 antigen
UniProt Gene Name	CD276
UniProt Synonym Gene Names	B7H3; PSEC0249; UNQ309/PRO352; 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://www.aaabiotech.com/human-elisa-kits/cd276-molecule/112328>