

Human Cd82 Antigen, CD82 ELISA Kit | CD82 elisa kit

Human Cd82 Antigen, CD82 Primacu ELISA Kit

CATALOG #
AAA124151

REACTIVITY
Human

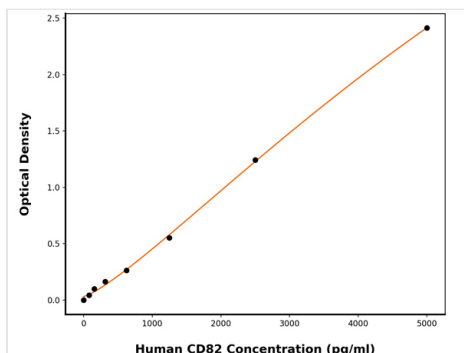
PRODUCT SYNONYMS

Cd82 Antigen; CD82; Human Cd82 Antigen; CD82 Primacu ELISA Kit; CD82 antigen; KAI1; SAR2; ST6; TSPAN27; CD82 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	78.13-5000pg/mL
Sensitivity	21.52pg/mL
Standard Solution	50ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for CD82 elisa kit	CD82, also known as KAI-1, structurally belongs to tetraspanin family while categorised as metastasis suppressor gene on functional grounds. KAI1/CD82 is localized on cell membrane and form interactions with other tetraspanins, integrins and chemokines which are respectively responsible for cell migration, adhesion and signalling. Downregulation of CD82 expression is associated with the advanced stages of many human cancers and correlates with the acquisition of metastatic potential. Recent studies suggest that complex mechanisms underlie CD82 loss of function, including altered transcriptional regulation, splice variant production and post-translational protein modifications, and indicate a central role for CD82 in controlling metastasis as a 'molecular facilitator'. The loss of KAI1/CD82 expression in invasive and metastatic cancers is due to a complex, epigenetic mechanism that probably involves transcription factors such as NFkappaB, p53, and beta-catenin. A loss of KAI1 expression is also associated with the advanced stages of many human malignancies and results in the acquisition of invasive and metastatic capabilities by tumour cells. Thus, KAI1/CD82 is regarded as a wide-spectrum tumor metastasis suppressor.
Product Categories/Family for CD82 elisa kit	Primacu ELISA Kit; Cancer; Immunology; Epigenetics and nuclear signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504813
NCBI GeneID	3732
NCBI Accession #	NP_002222
NCBI GenBank Nucleotide #	NM_002231.3
UniProt Accession #	P27701; Q7Z2D4; Q7Z5N2; D3DQN6; E9PC70
Molecular Weight	26,818 Da
NCBI Official Full Name	CD82 antigen isoform 1
NCBI Official Synonym Full Names	CD82 molecule
NCBI Official Symbol	CD82
NCBI Official Synonym Symbols	R2; 4F9; C33; IA4; ST6; GR15; KAI1; SAR2; TSPAN27
NCBI Protein Information	CD82 antigen; tspan-27; C33 antigen; tetraspanin-27; inducible membrane protein R2; metastasis suppressor Kangai-1; kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4))
UniProt Protein Name	CD82 antigen
UniProt Gene Name	CD82
UniProt Synonym Gene Names	KAI1; SAR2; ST6; TSPAN27; Tspan-27
UniProt Entry Name	CD82_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/cd82-antigen-cd82/124151>