

Human CD54 ELISA Kit | CD54 elisa kit

Human CD54 ELISA Kit

CATALOG # AAA332532	REACTIVITY Human	APPLICATIONS ELISA
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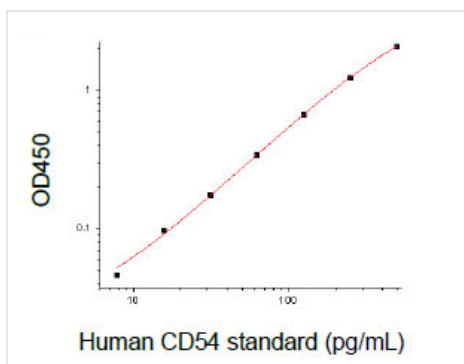
PRODUCT SYNONYMS

CD54; Human CD54 ELISA Kit; BB2; CD 54; CD54 antigen; Cell surface glycoprotein P3.58; Human rhinovirus receptor; ICAM 1; Intercellular adhesion molecule 1; Major group rhinovirus receptor; MALA2; MGC6195; MyD10; P3.58; Surface antigen of activated B cells; CD54 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human CD54 ELISA Kit has high sensitivity and excellent specificity for detection of Human CD54. No significant cross-reactivity or interference between Human CD54 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	7.8 pg/mL-500 pg/mL
Sensitivity	7.8 pg/mL
Applicable Applications for CD54 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD54 elisa kit	Principle of the Assay: ICAM-1 (Intercellular Adhesion Molecule 1) also known as CD54 (Cluster of Differentiation 54) is a protein that in humans is encoded by the ICAM1 gene. ICAM-1 is a member of the immunoglobulin superfamily, the superfamily of proteins including antibodies and T-cell receptors.Human CD54 ELISA Kit employs a double antibody sandwich method to quantitate Human CD54 in samples. An antibody specific for Human CD54 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human CD54 present is bound by the immobilized antibody. After removing any unbound substances, a HRP-conjugated antibody specific for Human CD54 is added to the wells. After washing, remove any unbound HRP-conjugated antibody reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450 nm wavelength. The Human CD54 concentration is proportional to the OD450 nm value.
Product Categories/Family for CD54 elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466198
NCBI GeneID	3383
NCBI Accession #	NP_000192.2
NCBI GenBank Nucleotide #	NM_000201.2
UniProt Accession #	P05362; Q5NKV7; Q96B50; B2R6M3
Molecular Weight	57,825 Da
NCBI Official Full Name	intercellular adhesion molecule 1
NCBI Official Synonym Full Names	intercellular adhesion molecule 1
NCBI Official Symbol	ICAM1
NCBI Official Synonym Symbols	BB2; CD54; P3.58
NCBI Protein Information	intercellular adhesion molecule 1; ICAM-1; cell surface glycoprotein P3.58; major group rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor
UniProt Protein Name	Intercellular adhesion molecule 1
UniProt Gene Name	ICAM1
UniProt Synonym Gene Names	ICAM-1
UniProt Entry Name	ICAM1_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.