

CD44 elisa kit

Human CD44 ELISA Kit

CATALOG #
AAA58597

REACTIVITY
Human. No cross reactivity with other human adhesion molecules.

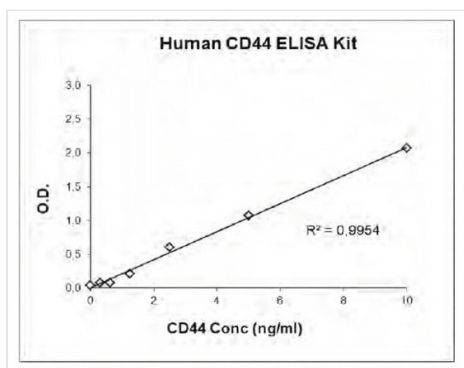
PRODUCT SYNONYMS

CD44; Human CD44 ELISA Kit; CD44 / Pgp-1; CD44 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human. No cross reactivity with other human adhesion molecules.
Specificity	Recognizes both natural and recombinant human soluble Pgp-1
Sequence Length	368
Assay Type	Qualitative Sandwich
Samples	Supernatants, buffered solutions or serum and plasma samples
Sensitivity	0.113ng/ml

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD44 elisa kit	Principle of the Assay: A capture Antibody highly specific for CD44 has been coated to the wells of the microtiter strip plate provided during manufacture. Binding of CD44 in samples and known standards to the capture antibodies is completed and then any excess unbound analyte is removed. During the next incubation period the binding of the Biotinylated anti-CD44 secondary antibody to the analyte occurs. Any excess unbound secondary antibody is then removed. The HRP conjugate solution is then added to every well including the zero wells, following incubation excess conjugate is removed by careful washing. A chromogen substrate is added to the wells resulting in the progressive development of a blue colored complex with the conjugate. The color development is then stopped by the addition of acid turning the resultant final product yellow. The intensity of the produced colored complex is directly proportional to the concentration of CD44 present in the samples and standards. The absorbance of the color complex is then measured and the generated OD values for each standard are plotted against expected concentration forming a standard curve. This standard curve can then be used to accurately determine the concentration of CD44 in any sample tested. Intended Uses: The Human CD44 ELISA kit is a solid phase sandwich ELISA for the in-vitro qualitative and quantitative determination of soluble CD44 (CD44/phagocytic glycoprotein-1/Pgp-1) in supernatants, buffered solutions or serum and plasma samples. This assay will recognise both natural and recombinant human CD44.
Product Categories/Family for CD44 elisa kit	Human ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	291490675
NCBI GeneID	281057
NCBI Accession #	NP_776438.2
NCBI GenBank Nucleotide #	NM_174013.3
UniProt Accession #	Q29423
Molecular Weight	40,002 Da
NCBI Official Full Name	CD44 antigen
NCBI Official Symbol	CD44
NCBI Protein Information	CD44 antigen
UniProt Protein Name	CD44 antigen
UniProt Gene Name	CD44
UniProt Synonym Gene Names	ECMR-III; PGP-1; PGP-I
UniProt Entry Name	CD44_BOVIN

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.