

Human leukocyte antigen C, HLA-C ELISA Kit | HLA-C elisa kit

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CATALOG #
AAA41768

REACTIVITY
Human

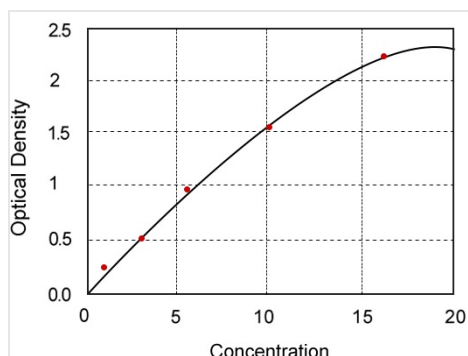
PRODUCT SYNONYMS

leukocyte antigen C; HLA-C; Human leukocyte antigen C; HLA-C ELISA Kit; HLA-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	181
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.2ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HLA-C elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Leukocyte Antigen C (also known as HLA-C) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human HLA-C antibody. HLA-C present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human HLA-C Antibody is added and binds to HLA-C in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HLA-C antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human HLA-C. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1770438
NCBI GeneID	3107
UniProt Accession #	Q29865; O78203; P79498; P04222; P10321; P30499; P30501; P30504; P30505; P30508; P30510; Q07000
Molecular Weight	40,933 Da
NCBI Official Full Name	HLA-C, partial
NCBI Official Synonym Full Names	major histocompatibility complex, class I, C
NCBI Official Symbol	HLA-C
NCBI Official Synonym Symbols	MHC; HLAC; HLC-C; D6S204; PSORS1; HLA-JY3
NCBI Protein Information	HLA class I histocompatibility antigen, Cw-1 alpha chain
UniProt Protein Name	HLA class I histocompatibility antigen, Cw-18 alpha chain
UniProt Gene Name	HLA-C
UniProt Synonym Gene Names	HLAC

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/leukocyte-antigen-c-hla-c/41768>