

Human HLA-A ELISA Kit | HLA-A elisa kit

Human HLA-A (Leukocyte Antigen A) ELISA Kit

CATALOG #
AAA164263

REACTIVITY
Human

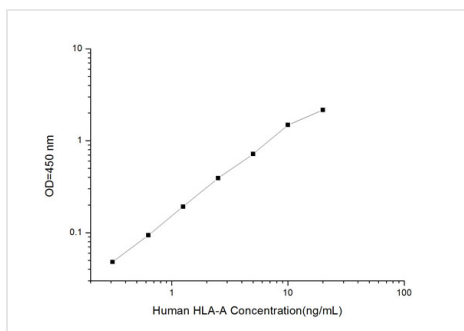
PRODUCT SYNONYMS

HLA-A; Human HLA-A (Leukocyte Antigen A) ELISA Kit; HLA-A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human HLA-A. No significant cross-reactivity or interference between Human HLA-A and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human HLA-A and all the analogues, therefore, cross reaction may still exist.
Sequence Length	280
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HLA-A elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HLA-A in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human HLA-A. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human HLA-A and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human HLA-A, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human HLA-A. You can calculate the concentration of Human HLA-A in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1407575
NCBI GeneID	3105
UniProt Accession #	P01891; O19673; O19695; O19794; O19795; O43907; O77938; O98010; P10315; P79505; Q9MYA5; Q9MYC4; P01892; P04439; P05534; P10314; P10316; P13746; P16189; P18462; P30443
Molecular Weight	40,909 Da
NCBI Official Full Name	HLA-A
NCBI Official Synonym Full Names	major histocompatibility complex, class I, A
NCBI Official Symbol	HLA-A
NCBI Official Synonym Symbols	HLAA
NCBI Protein Information	HLA class I histocompatibility antigen, A-1 alpha chain; MHC class I antigen HLA-A heavy chain; antigen presenting molecule; leukocyte antigen class I-A
UniProt Protein Name	HLA class I histocompatibility antigen, A-68 alpha chain
UniProt Gene Name	HLA-A
UniProt Synonym Gene Names	HLAA
UniProt Entry Name	1A68_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.