

Human HLA-B27 ELISA Kit | HLA-B27 elisa kit

Human HLA-B27 (Human Leukocyte Antigen B27) ELISA Kit

CATALOG #
AAA164738

REACTIVITY
Human

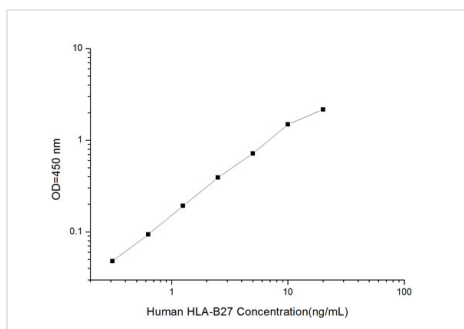
PRODUCT SYNONYMS

HLA-B27; Human HLA-B27 (Human Leukocyte Antigen B27) ELISA Kit; HLA-B27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human HLA-B27. No significant cross-reactivity or interference between Human HLA-B27 and analogues was observed.
Sequence Length	362
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-B27 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanHLA-B27concentrations in 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 HLA-B27. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for HLA-B27and 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 HLA-B27, 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 HLA-B27. You can calculate the concentration of HLA-B27in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32177
UniProt Accession #	P03989; O19692; P10317; P10318; P19373; P30467; Q08136; Q29693; Q29846; Q29961
Molecular Weight	40,428 Da
NCBI Official Full Name	HLA-B27, partial
UniProt Protein Name	HLA class I histocompatibility antigen, B-27 alpha chain
UniProt Gene Name	HLA-B
UniProt Synonym Gene Names	HLAB
UniProt Entry Name	1B27_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.