

Human leucocyte antigen B27, HLA-B27 ELISA Kit | HLA-B27 elisa kit

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CATALOG #
AAA43305

REACTIVITY
Human

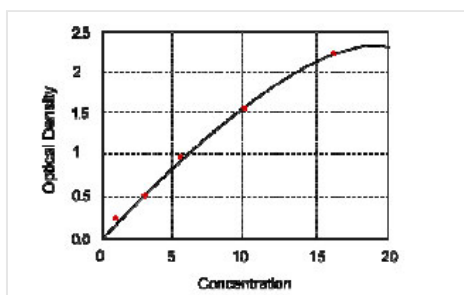
PRODUCT SYNONYMS

leucocyte antigen B27; HLA-B27; Human leucocyte antigen B27; HLA-B27 ELISA Kit; HLA-B27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	362
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.5-300ng/ml
Sensitivity	0.32ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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-B27 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human leucocyte antigen B27 (also known as HLA-B27) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human HLA-B27 antibody. HLA-B27 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human HLA-B27 Antibody is added and binds to HLA-B27 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HLA-B27 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-B27. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32177
NCBI GeneID	3106
UniProt Accession #	P03989; O19692; P10317; P10318; P19373; P30467; Q08136; Q29693; Q29846; Q29961; P01889; P10319; P18463; P18464; P18465; P30460; P30461; P30462; P30464
Molecular Weight	40,428 Da
NCBI Official Full Name	HLA-B27, partial
NCBI Official Synonym Full Names	major histocompatibility complex, class I, B
NCBI Official Symbol	HLA-B
NCBI Official Synonym Symbols	AS; HLAB; B-4901
NCBI Protein Information	major histocompatibility complex, class I, B
UniProt Protein Name	HLA class I histocompatibility antigen, B-27 alpha chain
UniProt Gene Name	HLA-B
UniProt Synonym Gene Names	HLAB

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.