

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

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CATALOG #
AAA80159

REACTIVITY
Human

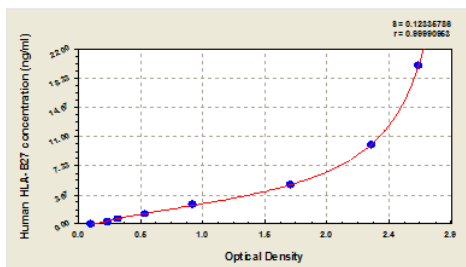
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human HLA-B27. No significant cross-reactivity or interference between Human HLA-B27 and analogues was observed.
Sequence Length	362
Samples	Serum, urine, cerebrospinal fluid (CSF)
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HLA-B27 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HLA-B27. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for HLA-B27 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain HLA-B27, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of HLA-B27 in the samples is then determined by comparing the O.D. 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/leucocyte-antigen-b27-hla-b27/80159>