

Human leukocyte antigen E (HLA-E) ELISA Kit | HLA-E elisa kit

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CATALOG #
AAA12527

REACTIVITY
Human

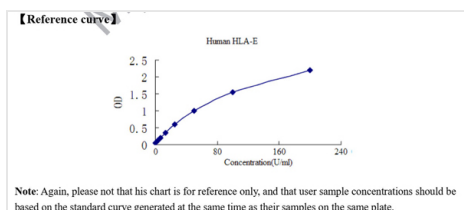
PRODUCT SYNONYMS

leukocyte antigen E (HLA-E); Human leukocyte antigen E (HLA-E) ELISA Kit; HLA-E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	362
Assay Type	Sandwich
Detection Range	200 U/mL-3.12 U/mL
Sensitivity	Up to 0.6 U/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HLA-E elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human HLA-E monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	312407
NCBI GeneID	3134

UniProt Accession #	P30511; Q5JQI8; Q5JQJ1; Q5SPT5; Q860R0; Q8MGQ1; Q8WLP5; Q95HC0; Q9TP68
Molecular Weight	50,438 Da
NCBI Official Full Name	leukocyte antigen F
NCBI Official Synonym Full Names	major histocompatibility complex, class I, F
NCBI Official Symbol	HLA-F
NCBI Official Synonym Symbols	HLAF; CDA12; HLA-5.4; HLA-CDA12
NCBI Protein Information	HLA class I histocompatibility antigen, alpha chain F; HLA F antigen; leukocyte antigen F; HLA class I molecule; MHC class Ib antigen; MHC class I antigen F
UniProt Protein Name	HLA class I histocompatibility antigen, alpha chain F
UniProt Gene Name	HLA-F
UniProt Synonym Gene Names	HLA-5.4; HLAF
UniProt Entry Name	HLAF_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/leukocyte-antigen-e-hla-e/12527>