

Human HLA class II histocompatibility antigen, DP alpha 1 chain (HLA-DPA1) ELISA Kit | HLA-DPA1 elisa kit

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CATALOG # AAA181586	REACTIVITY Human
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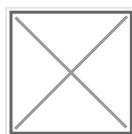
PRODUCT SYNONYMS

HLA class II histocompatibility antigen; DP alpha 1 chain (HLA-DPA1); Human HLA class II histocompatibility antigen; DP alpha 1 chain (HLA-DPA1) ELISA Kit; HLA-DPA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	260
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/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-DPA1 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-DPA1 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	335883187
NCBI GeneID	3113

NCBI Accession #	NP_001229454.1
NCBI GenBank Nucleotide #	NM_001242525.1
UniProt Accession #	P20036 ; O19722 ; O46883 ; P01905 ; P79554 ; Q2Q060 ; Q2Q061 ; Q5EY03 ; Q5STP1 ; Q6DQK4 ; A9YWH7 ; B9UKH4
Molecular Weight	29,381 Da
NCBI Official Full Name	HLA class II histocompatibility antigen, DP alpha 1 chain
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DP alpha 1
NCBI Official Symbol	HLA-DPA1
NCBI Official Synonym Symbols	DPA1; PLT1; HLADP; HLASB; DP(W3); DP(W4); HLA-DP1A
NCBI Protein Information	HLA class II histocompatibility antigen, DP alpha 1 chain
UniProt Protein Name	HLA class II histocompatibility antigen, DP alpha 1 chain
UniProt Gene Name	HLA-DPA1
UniProt Synonym Gene Names	HLA-DP1A; HLASB

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/hla-class-ii-histocompatibility-antigen-dp-alpha-1-chain-hla-dpa1/181586>