

Product datasheet



sHLA– DQB1*03:01 DQA1*05:05

DQB1*0301, DQB10301, DQB1*03, DQB03, DQ7
DQA1*0505, DQA10505, DQA1*05, DQA05

Serological Name	DQ7
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	DQB10301/DQA10505

Product Description

Allele Name	DQA1*05:05 DQB1*03:01
HLA Class	HLA Class II
HLA Gene Locus	HLA-DQ
Alternative Allele Name A Chain	DQA1*0505, DQA10505, DQA1*05, DQA05
Alternative Allele Name B Chain	DQB1*0301, DQB10301, DQB1*03, DQB03, DQ7
Description	Recombinant, truncated Class II soluble Human Leukocyte Antigen (sHLA), naturally folded and glycosylated, loaded with endogenous peptides.
Serological Name	DQ7
Serological Split	DQ3
Allele Frequency [World Population]	
A chain	10.5%
B chain	22.3%

Associated products

[DQB10301/DQA10505bio](#)
[DQB10301/DQA10505pe](#)

Product Specification

Product name	HLA-DQB1*03:01/DQA1*05:05
HLA Species	Human
Host Cell Line Species	Mouse
Clone Designation	
Tail Specification	ZP
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
Complexity	Monomer
Protein Format	Recombinant, truncated, zipper-stabilized, soluble, non-modified, non-labeled, endogenously loaded
Storage Temperature	4°C (This product should be stored undiluted)
Form	Liquid
Concentration	1000.0 µg/ml
Formulation	PBS/0.02% Sodium Azide
pH	7.4
Purification Method	Affinity Chromatography
Grade	Research Use Only [RUO]
Authentication Verification	Sequence Based Typing

Protein Sequences

Alpha Chain Sequence	EDIVADHVAS YGVNLYQSYG PSGQYTHEFD GDEQFYVDLG RKETVWCLPV LRQFR.FDPQ FALTNIAVLK HNLNSLIKRS NSTAATNEVP EVTVFSKSPV TLGQPNILIC LVDNIFPPVV NITWLSNGHS VTEGVSETSF LSKSDHSFFK ISYLTLLPSA EESYDCKVEH WGLDKPLLKH WEPEIPAPMS EVDGGGGGAQ LEKELQALEK ENAQLEWELQ ALEKELAQ
Beta Chain Sequence	RDSPEDFVYQ FKAMCYFTNG TERVRYVTRY IYNREEYARF DSDVEVYRAV TPLGPPDAEY WNSQKEVLER TRAEOLDTVCR HNYQLELRTT LQRRVEPTVT ISPSRTEALN HHNLLVCSVT DFYPAQIKVR WFRNDQEETT GVVSTPLIRN GDWTFQILVM LEMTPQHGDV YTCHVEHPSL QNPITVEWRA QSESAQSKVD GGGGGAQLKK KLQALKKKNA QLKWKLQALK KKLAQ

Related Products

[DQB10304/DQA10505](#)
[DQB10301/DQA10201](#)
[DQB10602/DQA10102](#)
[DQB10302/DQA10201](#)

Applications

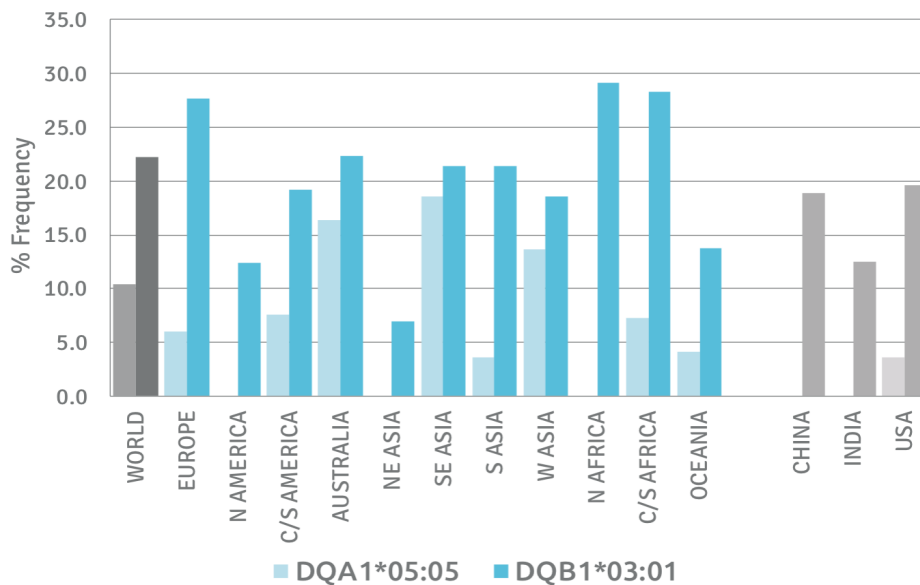
HLA Sandwich ELISAs
 HLA Direct ELISAs
 HLA-Sera Antibody Assays
 HLA Controls in ELISA Assays
 HLA Assay Standards
 HLA Blocking Assays
 HLA Neutralizing Assays
 HLA Competition Assays
 HLA Bead Assays
 HLA Immunization Procedures

Recommended Antibodies

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Allele Frequency

Worldwide Allele Frequency



Please note:

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 For more information, please visit our Policies section on our website. For licensing inquiries, please contact

licensing@hlaprotein.com

 HLA Protein
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Eplet Assignments

DQB1*03:01

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Eplet Assignments

DQA1*05:05

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