

Product datasheet



sHLA– DQB1*05:01 DQA1*01:02

DQB1*0501, DQB10501, DQB1*05, DQB05, DQ5
DQA1*0102, DQA10102, DQA1*01, DQA01

Serological Name	DQ5
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	DQB10501/DQA10102

Product Description

Allele Name	DQA1*01:02 DQB1*05:01
HLA Class	HLA Class II
HLA Gene Locus	HLA-DQ
Alternative Allele Name A Chain	DQA1*0102, DQA10102, DQA1*01, DQA01
Alternative Allele Name B Chain	DQB1*0501, DQB10501, DQB1*05, DQB05, DQ5
Description	Recombinant, truncated Class II soluble Human Leukocyte Antigen (sHLA), naturally folded and glycosylated, loaded with endogenous peptides.
Serological Name	DQ5
Serological Split	DQ1
Allele Frequency [World Population]	
A chain	15.0%
B chain	8.9%

Associated products

[DQB10501/DQA10102bio](#)
[DQB10501/DQA10102pe](#)

Product Specification

Product name	HLA-DQB1*05:01/DQA1*01:02
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 CGVNLYQFYG PSGQYTHEFD GDEQFYVDLE RKETAWRWPE FSKFGGFDPQ GALRNMAVAK HNLNIMIKRY NSTAATNEVP EVTVFSKSPV TLGPNTLIC LVDNIFPPVV NITWLSNGQS VTEGVSETSF LSKSDHSFFK ISYLTFLPSA DEIYDCKVEH WGLDQPLLK WEPEIPAPMS EVDGGGGGAQ LEKELQALEK ENAQLWEWELQ ALEKELAQ
Beta Chain Sequence	RDSPEDFVYQ FKGLCYFTNG TERVRGVTRH IYNREEYVRF DSDVGVYRAV TPQGRPVAEY WNSQKEVLEG ARASVDRVCR HNYEVAYRGI LQRRVEPTVT ISPSRTEALN HHNLLICSVT DFYPSQIKVR WFRNDQEETA GVVSTPLIRN GDWTFQILVM LEMTPQRGDV YTCHVEHPSL QSPITVEWRA QSESAQSKVD GGGGGAQLKK KLQALKKKNA QLKWKLQALK KKLAQ

Related Products

[DQB10502/DQA10102](#)
[DQB10503/DQA10102](#)
[DQB10301/DQA10201](#)
[DQB10602/DQA10102](#)

Applications

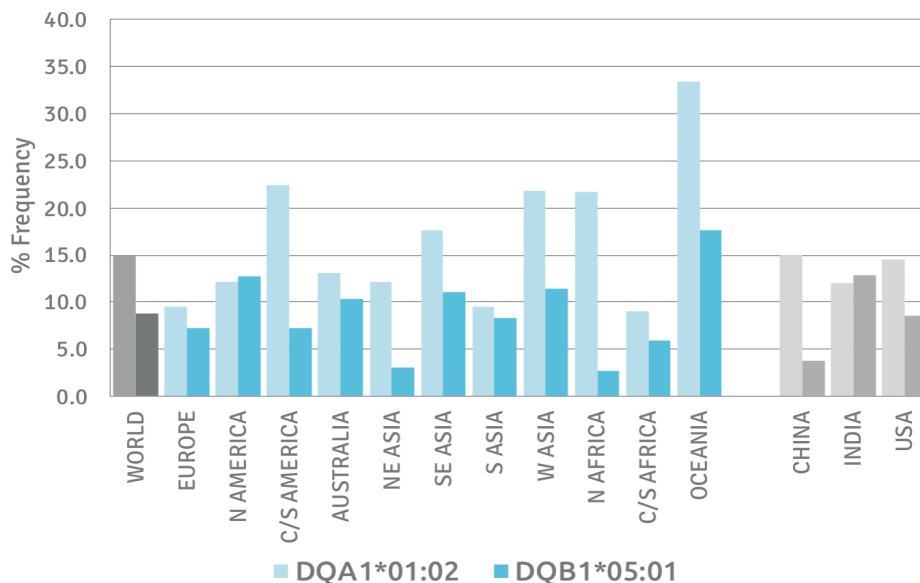
HLA Sandwich ELISAs
 HLA Direct ELISAs
 HLA-Sera Antibody Assays
 HLA Controls in ELISA Assays
 HLA Assay Standards
 HLA Blocking Assays
 HLA Neutralizing Assays
 HLA Competition Assays
 HLA Bead Assays
 HLA Immunization Procedures

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

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 HLA Protein
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DQB1*05:01

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DQA1*01:02

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