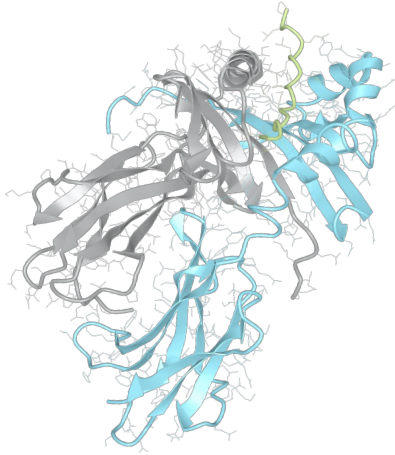


# Product datasheet



## sHLA– DRB1\*04:07bio DRA\*01:01bio

DRB1\*0407, DRB10407, DRB1\*04, DRB04, DR4  
DRA\*0101, DRA0101, DRA\*01, DRA01

<b>Serological Name</b>	DR4
<b>Peptide Load</b>	Endogenous
<b>Modification</b>	Unmodified
<b>Conjugation</b>	Biotin
<b>SKU</b>	DRB10407bio

### Product Description

<b>Allele Name</b>	<p>DRA*01:01</p> <p>DRB1*04:07</p>
<b>HLA Class</b>	HLA Class II
<b>HLA Gene Locus</b>	HLA-DR
<b>Alternative Allele Name A Chain</b>	DRA*0101, DRA0101, DRA*01, DRA01
<b>Alternative Allele Name B Chain</b>	DRB1*0407, DRB10407, DRB1*04, DRB04, DR4
<b>Description</b>	Recombinant, truncated Class II soluble Human Leukocyte Antigen (sHLA), naturally folded and glycosylated, loaded with endogenous peptides.
<b>Serological Name</b>	DR4
<b>Serological Split</b>	-
<b>Allele Frequency [World Population]</b>	
<b>A chain</b>	-
<b>B chain</b>	5.2%

### Associated products

[DRB10407](#)  
[DRB10407pe](#)

## Product Specification

Product name	HLA-DRB1*04:07bio
HLA Species	Human
Host Cell Line Species	Mouse
Clone Designation	EP315-SSC H4
Tail Specification	ZP
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
Complexity	Monomer
Protein Format	Recombinant, truncated, zipper-stabilized, soluble, non-modified, biotinylated, endogenously loaded
Storage Temperature	4°C (This product should be stored undiluted)
Form	Liquid
Concentration	300.0 µg/µl
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	<p>IKEEHVIIQA EFYLNPDQSG EFMDFDGD E IFHVDMAKKE TVWRLEEFGR FASFQAQAL          ANIAVDKANL EIMTKRSNYT PITNVPPEVT VLTNSPVELR EPNVLICFID KFTPPVVNVV          WLRNGKPVTT GVSETVFLPR EDHLFRKFHY LPFLPSTEDV YDCRVEHWGL DEPLLKHWEF          DAPSPLPETT EVDGGGGGAQ LEKELQALEK ENAQLEWELQ ALEKELAQ</p>
Beta Chain Sequence	<p>GDTRPRFLEQ VKHECHFFNG TERVRFLDRY FYHQEYVRF DSDVGEYRAV TELGRPDAEY          WNSQKDLLEQ RRAEVDTYCR HNYGVGESFT VQRRVYPEVT VYPAKTQPLQ HHNLLVCSVN          GFYPGSIEVR WFRNGQEEKT GVVSTGLIQN GDWTFQTLVM LETVPRSGEV YTCQVEHPSL          TSPLTVEWRA RSESAQSKVD GGGGAQLKK KLQALKKKNA QLEKWLQALK KKLAQ</p>

## Related Products

[DRB10401bio](#)  
[DRB10407bio](#)  
[DRB11101bio](#)  
[DRB11501bio](#)

## Applications

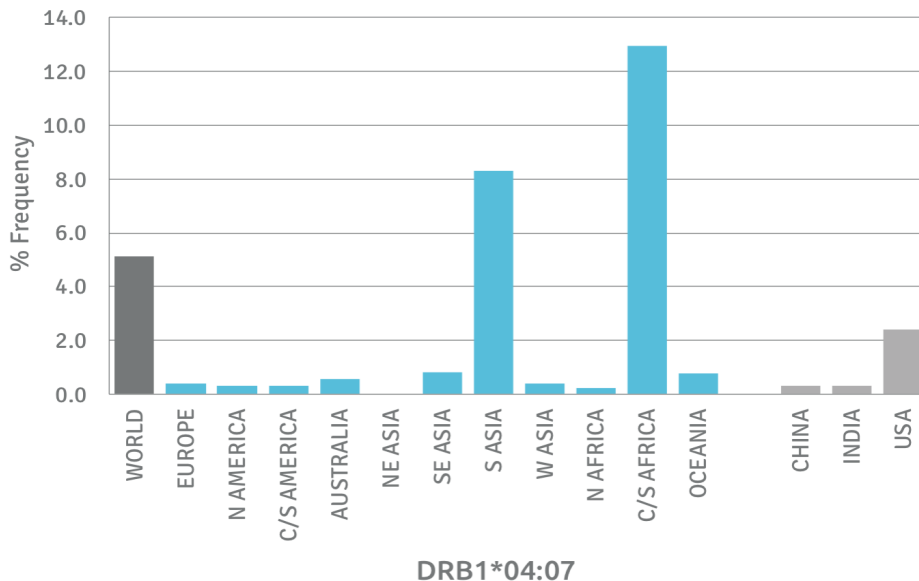
HLA Sandwich ELISAs  
 HLA Direct ELISAs  
 HLA-Sera Antibody Assays  
 HLA Controls in ELISA Assays  
 HLA Assay Standards  
 HLA Blocking Assays  
 HLA Neutralizing Assays  
 HLA Competition Assays  
 HLA Bead Assays  
 HLA Immunization Procedures

## Recommended Antibodies

L243

## Allele Frequency

### Worldwide Allele Frequency



Please note:

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