

## Olerup SSP<sup>®</sup> DQB1\*05

<b>Product number:</b>	<b>101.211-24 – including <i>Taq</i> polymerase</b> <b>101.211-24u – without <i>Taq</i> polymerase</b>
<b>Lot number:</b>	<b>8G3</b>
<b>Expiry date:</b>	<b>2021-03-01</b>
<b>Number of tests:</b>	<b>24</b>
<b>Number of wells per test:</b>	<b>31+1</b>

### CHANGES COMPARED TO THE PREVIOUS DQB1\*05 LOT (1F7):

Well	5'-primer	3'-primer	rationale
16	Added	-	5'-primer added for the DQB1*05:105 allele.
25	Modified	-	5'-primer has been modified for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

#### ALLELE COVERAGE:

DQB1\*05:01 to DQB1\*05:160, i.e. all the currently recognized DQB1\*05 alleles, will be amplified by the primers in the DQB1\*05 subtyping kit<sup>1</sup>, [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-April-16, release 3.32.0.

The DQB1\*05 kit enables separation of the confirmed DQB1\*05 alleles as listed in the IMGT/HLA database 3.26.0. An HLA allele is listed as confirmed by IMGT/HLA if it has been sequenced by more than a single laboratory or from multiple sources.

The DQB1\*05 also enables identification of null and alternatively expressed alleles.

The following DQB1\*05 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
DQB1*05:16, 05:101	14	DQB1*05:35, 05:117	11
DQB1*05:20, 05:159	16	DQB1*05:110N, 05:156	27
DQB1*05:27, 05:29	8		

<sup>1</sup>Alleles that have been deleted from or renamed in the official WHO HLA Nomenclature up to and including the last IMGT/HLA database release can be retrieved from web page <http://hla.alleles.org/alleles/deleted.html>.

#### RESOLUTION IN DQB1\*05 HOMO- AND HETEROZYGOTES:

Very good.

#### INFLUENCE ON THE INTERPRETATION OF DQB1\*05 SUBTYPINGS BY NON-DQB1\*05 ALLELES:

None.

**DQB1\*05**

**Release Note**

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**101.211-24u – without *Taq* polymerase**

**Lot No.: 8G3**

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No suggestions received.