

**DQB1\*05**  
**101.211-24 – including *Taq* polymerase**  
**101.211-24u – without *Taq* polymerase**  
**Lot No.: 0R1**

## Olerup SSP<sup>®</sup> DQB1\*05

**Product number:** 101.211-24 – including *Taq* polymerase  
 101.211-24u – without *Taq* polymerase  
**Lot number:** 0R1  
**Expiry date:** 2026-03-01  
**Number of tests:** 24  
**Number of wells per test:** 31+1

### Changes compared to the previous DQB1\*05 Lot (8L8):

Well	5'-primer	3'-primer	rationale
1	Added	Added	5'-primer and 3'-primer added for the DQB1*05:03:25 and DQB1*05:258 alleles.
2	Added	-	5'-primer added for the DQB1*05:258 allele.
4	-	Added	3'-primer added for improved yield.
8	Added	-	5'-primer added for the DQB1*05:27 allele.
12	Added	-	5'-primer added for improved yield of the DQB1*05:84 and DQB1*05:211 alleles.
31	-	Added	3'-primer added for the DQB1*05:54 allele.

**THE NUMBER OF WELLS** is unchanged.

#### ALLELE COVERAGE:

DQB1\*05:01 to DQB1\*05:294, 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), 2022-January-13, release 3.47.0.

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 many 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*05:12, 05:242	10	DQB1*05:27, 05:29	8
DQB1*05:13, 05:201, 05:259	11	DQB1*05:35, 05:117	11
DQB1*05:16, 05:101	14	DQB1*05:45, 05:169, 05:182	11
DQB1*05:20:01, 05:159	16	DQB1*05:110N, 05:156	27

<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>.



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

Very good.

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

None.

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

In primer mix 8, a 5'-primer was added for improved yield of the DQB1\*05:27 allele.

