

Olerup SSP® DQB1*05

Product number:	101.211-24 – including <i>Taq</i> polymerase 101.211-24u – without <i>Taq</i> polymerase
Lot number:	7K2
Expiry date:	2024-01-01
Number of tests:	24
Number of wells per test:	31+1

CHANGES COMPARED TO THE PREVIOUS DQB1*05 LOT (8G3):

Well	5'-primer	3'-primer	rationale
1	Added	-	5'-primer added for the DQB1*05:207 allele.
2	-	Added	3'-primer added for the DQB1*05:218 allele.
4	Added	-	5'-primer added for the DQB1*05:207 allele.
18	-	Added	3'-primer added for the DQB1*06:325 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DQB1*05:01 to DQB1*05:243, i.e. all the currently recognized DQB1*05 alleles, will be amplified by the primers in the DQB1*05 subtyping kit¹, www.ebi.ac.uk/imgt/hla, 2019-October-17, release 3.38.0.

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*05:35, 05:117	11
DQB1*05:13, 05:201	11	DQB1*05:45, 05:169, 05:182	11
DQB1*05:16, 05:101	14	DQB1*05:110N, 05:156	27
DQB1*05:20, 05:159	16		

¹Alleles 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>.



DQB1*05

101.211-24 – including *Taq* polymerase

101.211-24u – without *Taq* polymerase

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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:

No suggestions received.

Changes in revision R01 compared to R00:

1. Primer mix 8 does not amplify the DQB1*05:27 allele. This correction has been implemented in the Specificity and Interpretation tables.

