

101.214-24/06 – including *Taq* polymerase
101.214-24u/06u – without *Taq* polymerase

Lot No.: **8L9**

Olerup SSP[®] DQB1*03

Product number: 101.214-24/06 – including *Taq* pol.
101.214-24u/06u – without *Taq* pol.

Lot number: 8L9

Expiry date: 2025-02-01

Number of tests: 24 test – Product No. 101.214-24/24u
6 tests – Product No. 101.214-06/06u

Number of wells per test: 63+1

CHANGES COMPARED TO THE PREVIOUS DQB1*03 LOT (9K1):

Well	5'-primer	3'-primer	rationale
23	-	Added	3'-primer added for improved yield of the *03:24 allele.
25	-	Added	3'-primer added for improved yield of the *03:24 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DQB1*03:01 to DQB1*03:443, i.e. all the currently recognized DQB1*03 alleles, will be amplified by the primers in the DQB1*03 subtyping kit^{1,2}, www.ebi.ac.uk/imgt/hla, 2020-October-15, release 3.42.0.

The DQB1*03 kit enables separation of the confirmed DQB1*03 alleles as listed in the IMGT/HLA database 3.29.0. 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*03 also enables identification of many null and alternatively expressed alleles.

The following DQB1*03 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DQB1*03:35, 03:328	29
DQB1*03:49:01-03:49:02, 03:329	43
DQB1*03:97, 03:402	43
DQB1*03:169, 03:196	57
DQB1*03:190, 03:287	35
DQB1*03:245, 03:315	29
DQB1*03:286, 03:381	43

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*03

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²The following alleles cannot be separated by the HLA-DQB1*03 primer set. These alleles can be distinguished by the DQ low resolution kit and/or the HLA-DQB1*04 high resolution kit.

Alleles

DQB1*03:25:01, DQB1*04:03:03

DQB1*03:72, 03:100, DQB1*04:63

DQB1*03:132, DQB1*04:75

RESOLUTION IN DQB1*03 HOMOZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF DQB1*03 SUBTYPINGS BY NON-DQB1*03 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

In primer mixes 23 and 25, 3'-primers were added for improved yield of the DQB1*03:24 allele.