

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

Lot No.: 7H0

Olerup SSP[®] DQB1*03

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

Lot number: 7H0

Expiry date: 2021-11-01

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 (7G4):

Well	5'-primer	3'-primer	rationale
4	-	Added	3'-primer added for the DQB1*03:104 allele.
19	-	-	Optimized amount of HLA-specific primers for improved HLA-specific amplification.
23	-	Added	3'-primer added for the DQB1*03:258 allele.
40	-	Added	3'-primer added for the DQB1*03:104 allele.
43	-	Modified	3'-primer modified for improved yield of the DQB1*03:49 allele.
51	-	Added	3'-primer added for the DQB1*03:258 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DQB1*03:01 to DQB1*03:298, 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, 2018-October-18, release 3.34.0.

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 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*03:40, 03:137	9
DQB1*03:169, 03:196	57
DQB1*03:190, 03:287	35

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 HLA-DQB1*03 primer set cannot separate the DQB1*03:25:01 from the DQB1*04:03:03 alleles. These alleles can be distinguished by the DQ low resolution kit and/or the HLA-DQB1*04 high resolution kit.

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:

No comments received.