

101.215-12 – including *Taq* polymerase

101.215-12u – without *Taq* polymerase

Lot No.: **26Y**

Olerup SSP® DQB1*04

Product number: 101.215-12 – including *Taq* polymerase
101.215-12u – without *Taq* polymerase

Lot number: 26Y

Expiry date: 2017-November-01

Number of tests: 12

Number of wells per test: 15+1

CHANGES COMPARED TO THE PREVIOUS DQB1*04 LOT (47V):

Well	5'-primer	3'-primer	rationale
1	Exchanged	Exchanged	5'-primers and 3'-primer exchanged for improved yield.
3	-	Exchanged	3'-primer exchanged for the DQB1*04:02:08 allele.
6	Added	-	5'-primer added for the DQB1*04:20 allele.
7	Moved, added	Moved, added	Primer pair moved to well 12, primer pair added for the DQB1*04:02:08 allele.
11	Added	Added	Primer pair added for the DQB1*04:23 allele.
12	Added	Added	Primer pair added from well 7.
15	Added	Added	Updated negative control moved to well 16, primer pairs added for the DQB1*04:23 and 04:25N alleles.
16	-	-	Updated negative control added from well 15.

THE NUMBER OF WELLS is increased from 15 to 16 wells.

ALLELE COVERAGE:

DQB1*04:01 to DQB1*04:27, i.e. all the currently recognized DQB1*04 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2015-January-19, release 3.19.0.

The following DQB1*04 alleles can be distinguished by the different sizes of the specific PCR product:

Alleles	Primer mix
DQB1*04:04, 04:12	5
DQB1*04:05, 04:06	5

The DQB1*04 subtyping kit cannot distinguish the silent mutations in the DQB1*04:01:01-04:01:04 alleles or the DQB1*04:02:01-04:02:07 alleles.

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>.

RESOLUTION IN DQB1*04 HOMO- AND HETEROZYGOTES:

Excellent.

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INFLUENCE ON THE INTERPRETATION OF DQB1*04 SUBTYPINGS BY NON-DQB1*04 ALLELES:

None.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No modifications made.