

101.215-12 – including *Taq* polymerase

101.215-12u – without *Taq* polymerase

Lot No.: **47V**

Olerup SSP® DQB1*04

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

Lot number: 47V

Expiry date: 2016-September-01

Number of tests: 12

Number of wells per test: 14+1

CHANGES COMPARED TO THE PREVIOUS DQB1*04 LOT (62R):

Well	5'-primer	3'-primer	rationale
2	-	-	Strength of control band has been optimized.
3	-	-	Strength of control band has been optimized.
5	Added	-	5'-primer added from well 6.
6	Moved, added	Moved, added	Primer pair moved to well 5, primer pair added for the DQB1*04:16 allele.
9	New	New	New primer pair for the DQB1*04:09 and DQB1*04:14 alleles.
10	New	New	New primer pair for the DQB1*04:10 allele.
11	New	New	New primer pair for the DQB1*04:11 and DQB1*04:15 alleles.
12	New	New	New primer pair for the DQB1*04:18 allele.
13	New	New	New primer pair for the DQB1*04:13 allele.
14	New	New	New primer pair for the DQB1*04:17 allele.
15	New	New	Negative Control.

THE NUMBER OF WELLS is increased from 8 to 15 wells.

ALLELE COVERAGE:

DQB1*04:01 to DQB1*04:18, i.e. all the currently recognized DQB1*04 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2014-January-17², release 3.15.0.

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

¹The DQB1*04 subtyping kit cannot distinguish the silent mutations in the DQB1*04:01:01-04:01:04 alleles or the DQB1*04:02:01-04:02:05 alleles.

²Alleles 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.