

101.213-24 – including *Taq* polymerase

101.213-24u – without *Taq* polymerase

Lot No.: **57V**

Olerup SSP® DQB1*02

Product number: 101.213-24 – including *Taq* polymerase
101.213-24u – without *Taq* polymerase

Lot number: 57V

Expiry date: 2016-September-01

Number of tests: 24

Number of wells per test: 22+1

CHANGES COMPARED TO THE PREVIOUS DQB1*02 LOT (08S):

Well	5'-primer	3'-primer	rationale
1	-	Added	3'-primer added for the DQB1*02:01:07 allele.
5	Added	Added	Primer pair added for the DQB1*02:23 allele.
7	Added	Added	Primer pair added for the DQB1*02:19 allele.
8	Added	Added	Primer pair added for the DQB1*02:30 allele.
9	-	Added	3'-primer added for the DQB1*02:16 allele.
10	-	Added	3'-primer added for the DQB1*02:12 allele.
11	Added	Added	Primer pair added for the DQB1*02:24 allele.
12	Added		5'-primers added for the DQB1*02:13 and DQB1*02:25 alleles.
13	New	New	New primer pairs for the DQB1*02:17 and DQB1*02:32 alleles.
14	New	New	New primer pairs for the DQB1*02:18N and DQB1*02:34 alleles.
15	New	New	New primer pairs for the DQB1*02:21 and DQB1*02:35 alleles.
16	New	New	New primer pairs for the DQB1*02:20N and DQB1*02:22 alleles.
17	New	New	New primer pair for the DQB1*02:26 allele.
18	New	New	New primer pairs for the DQB1*02:15 and DQB1*02:29 alleles.
19	New	New	New primer pair for the DQB1*02:33 allele.
20	New	New	New primer pair for the DQB1*02:14 allele.
21	New	New	New primer pairs for the DQB1*02:23 and DQB1*02:31 alleles.
22	New	New	New primer pairs for the DQB1*02:27 and DQB1*02:28 alleles.
23	New	New	Negative Control.

THE NUMBER OF WELLS is increased from 12 to 23.

ALLELE COVERAGE:

DQB1*02:01 to DQB1*02:35, i.e. all the currently recognized DQB1*02 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2014-January-17¹, release 3.15.0.

The DQB1*02 kit cannot distinguish the silent mutation in the DQB1*02:01:01-02:01:14 or the DQB1*02:02:01-02:02:02 alleles.

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The following DQB1*02 alleles can be distinguished by the different sizes of the specific PCR product:

Alleles	Primer mix
DQB1*02:07, 02:16	9
DQB1*02:09, 02:24	11
DQB1*02:15, 02:29	18
DQB1*02:18N, 02:34	14
DQB1*02:20N, 02:22	16
DQB1*02:21, 02:35	15
DQB1*02:27, 02:28	22

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*02 HOMO- AND HETEROZYGOTES:

Very good.

INFLUENCE ON THE INTERPRETATION OF DQB1*02 SUBTYPINGS BY NON-DQB1*02 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.