

101.213-24 – including *Taq* polymerase

101.213-24u – without *Taq* polymerase

Lot No.: **55X**

Olerup SSP® DQB1*02

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

Lot number: 55X

Expiry date: 2017-June-01

Number of tests: 24

Number of wells per test: 23+1

CHANGES COMPARED TO THE PREVIOUS DQB1*02 LOT (57V):

Well	5'-primer	3'-primer	rationale
5	Added	-	5'-primer added for the DQB1*02:37 allele.
9	-	Added	3'-primer added for the DQB1*02:07:02 allele.
13	Added	-	5'-primer added for the DQB1*02:38 allele.
14	Added	-	5'-primer added for the DQB1*02:38 allele.
15	-	Added	3'-primer added for the DQB1*02:39 allele.
16	-	Added	3'-primer added for the DQB1*02:39 allele.
17	Added	-	5'-primer added for the DQB1*02:37 allele.
19	Added	-	5'-primer added for the DQB1*02:36 allele.
20	Added	-	5'-primer added for the DQB1*02:36 allele.
21	Added	-	5'-primer added for the DQB1*02:40 allele.
23	Added	Added	Primer pair added for the DQB1*02:41, updated negative control moved to well 24.
24	-	-	Updated negative control added from well 23.

THE NUMBER OF WELLS is increased from 23 to 24.

ALLELE COVERAGE:

DQB1*02:01 to DQB1*02:41, i.e. all the currently recognized DQB1*02 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2014-July-17¹, release 3.17.0.

The DQB1*02 kit cannot distinguish the silent mutation in the DQB1*02:01:01-02:01:17 alleles, the DQB1*02:02:01-02:02:02 or the DQB1*02:07:01-02:07:02 alleles.

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

Alleles	Primer mix
DQB1*02:07:01-02:07:02, 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

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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.