

101.211-24 – including *Taq* polymerase

101.211-24u – without *Taq* polymerase

Lot No.: **37V**

Olerup SSP® DQB1*05

Product number: 101.211-24 – including *Taq* polymerase
101.211-24u – without *Taq* polymerase

Lot number: 37V

Expiry date: 2016-September-01

Number of tests: 24

Number of wells per test: 23+1

CHANGES COMPARED TO THE PREVIOUS DQB1*05 LOT (66R):

Well	5'-primer	3'-primer	rationale
1	-	Added	3'-primer added for the DQB1*05:03:10 allele.
4	-	Added	3'-primers added for the DQB1*05:03:06 and DQB1*05:03:07 alleles
7	Added	Added	Primer pair added for the DQB1*05:45 allele.
8	Added	Added	Primer pair added for the DQB1*05:27 allele.
9	-	Added	3'-primer added for the DQB1*05:36 allele.
10	-	Added	3'-primer added for the DQB1*05:23 allele.
11	Added	Added	5'-primers, 3'-primers added for the DQB1*05:32 and DQB1*05:35 alleles, exchanged positive control primer pair.
12	Added	Added	5'-primers, 3'-primers added for the DQB1*05:25 and DQB1*05:41N alleles.
13	-	Added	3'-primers added for the DQB1*05:33, DQB1*05:34 and DQB1*05:40 alleles.
14	-	Added	3'-primers added for the DQB1*05:40 allele.
15	-	Added	3'-primer added for the DQB1*05:37 allele.
16	New	New	New primer pairs for the DQB1*05:20 and DQB1*05:47 alleles.
17	New	New	New primer pairs for the DQB1*05:25 and DQB1*05:31 alleles.
18	New	New	New primer pair for the DQB1*05:24 allele.
19	New	New	New primer pairs for the DQB1*05:21, DQB1*05:28 and DQB1*05:30 alleles.
20	New	New	New primer pairs for the DQB1*05:32 and DQB1*05:38 alleles.
21	New	New	New primer pairs for the DQB1*05:26, DQB1*05:39 and DQB1*05:37 alleles.
22	New	New	New primer pair for the DQB1*05:43 allele.
23	New	New	New primer pairs for the DQB1*05:22 and DQB1*05:19 alleles.
24	New	New	Negative Control.

THE NUMBER OF WELLS has been increased from 15 to 24.

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DQB1*05:01 to DQB1*05:47, i.e. all the currently recognized DQB1*05 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2013-October-11¹, release 3.14.0.

The DQB1*05 subtyping kit cannot distinguish the silent mutations in the DQB1*05:01:01:01-05:01:08, the DQB1*05:02:01 and 05:02:03-05:02:07 alleles, the DQB1*05:03:01:01-05:03:10 alleles or the DQB1*05:05:01-05:05:02.

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>.

The following DQB1*05 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DQB1*05:07, 05:45	7
DQB1*05:27, 05:29	8

RESOLUTION IN DQB1*05 HOMO- AND HETEROZYGOTES:

Very good.

INFLUENCE ON THE INTERPRETATION OF DQB1*05 SUBTYPINGS BY NON-DQB1*05 ALLELES:

None.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.