

101.212-24 – including *Taq* polymerase

101.212-24u – without *Taq* polymerase

Lot No.: **62V**

## Olerup SSP® DQB1\*06

**Product number:** 101.212-24/04 – including *Taq* pol.  
101.212-24u/04u – without *Taq* pol.

**Lot number:** 62V

**Expiry date:** 2016-October-01

**Number of tests:** 24 test – Product No. 101.212-24/24u  
4 tests – Product No. 101.212-04/04u

**Number of wells per test:** 59+1

### CHANGES COMPARED TO THE PREVIOUS DQB1\*06 LOT (53S).

Well	5'-primer	3'-primer	rationale
2	-	Added	3'-primer added for the DQB1*06:02:13 allele.
3	-	Added	3'-primer added for the DQB1*06:02:11 allele.
4	-	Added	3'-primer added for the DQB1*06:03:10 allele.
7	-	Added	3'-primer added for the DQB1*06:04:06 allele.
10	Added	-	5'-primer added for the DQB1*06:85 allele.
12	-	Added	3'-primer added for the DQB1*06:129 allele.
16	-	Added	3'-primer added for the DQB1*06:51:02 allele, exchanged positive control primer pair.
17	Added	-	5'-primer added for the DQB1*06:99 allele.
20	Added	-	5'-primer added for the DQB1*06:125 allele.
25	Added	Added	3'-primer added for the DQB1*06:03:11 allele, 5'-primer added for the DQB1*06:98 allele.
27	Added	-	5'-primer added for the DQB1*06:114 allele.
28	-	Added	3'-primer added for the DQB1*06:102N allele.
29	-	Added	3'-primer added for the DQB1*06:04:06 allele.
35	-	Added	3'-primer added for the DQB1*06:58 allele.
36	-	Added	3'-primer added for the DQB1*06:95 allele.
37	-	Added	3'-primer added for the DQB1*06:96 allele.
38	-	Added	3'-primer added for the DQB1*06:123 allele.
40	-	Added	3'-primer added for the DQB1*06:106 allele.
41	-	Added	5'-primer added for the DQB1*06:122 allele.
42	-	Added, modified	3'-primers added for the DQB1*06:93 and DQB1*06:121 allele, 3'-primer modified for improved HLA-specific amplification.
44	Added, modified	-	5'-primer added for the DQB1*06:113 allele, 5'-primer modified for improved HLA-specific amplification.
45	New	New	New primer pairs for the DQB1*06:97 and DQB1*06:124 alleles.
46	New	New	New primer pairs for the DQB1*06:86 and DQB1*06:107 alleles.
47	New	New	New primer pairs for the DQB1*06:87 and DQB1*06:90 alleles.
48	New	New	New primer pairs for the DQB1*06:91 and DQB1*06:128 alleles.
49	New	New	New primer pairs for the DQB1*06:100 and DQB1*06:126 alleles.
50	New	New	New primer pairs for the DQB1*06:101 and DQB1*06:120 alleles.
51	New	New	New primer pairs for the DQB1*06:103 and DQB1*06:111 alleles.
52	New	New	New primer pair for the DQB1*06:105 allele.
53	New	New	New primer pairs for the DQB1*06:109 and

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			DQB1*06:110 alleles.
54	New	New	New primer pair for the DQB1*06:112N alleles.
55	New	New	New primer pair for the DQB1*06:115 allele.
56	New	New	New primer pair for the DQB1*06:116 allele.
57	New	New	New primer pair for the DQB1*06:89 allele.
58	New	New	New primer pair for the DQB1*06:127 allele.
59	New	New	New primer pair for the DQB1*06:117 allele.
60	New	New	Negative Control.

**THE NUMBER OF WELLS** is increased from 44 to 60.

**ALLELE COVERAGE:**

**DQB1\*06:01 to DQB1\*06:129** i.e. all the currently recognized DQB1\*06 alleles, give rise to unique amplification patterns; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2014-January-17<sup>1</sup>, release 3.15.0.

The following DQB1\*06 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DQB1*06:70, 06:75	40

The DQB1\*06 subtyping kit cannot distinguish the silent mutations in the DQB1\*06:01:01, 06:01:03-06:01:06 and 06:01:08-06:01:10 alleles, the DQB1\*06:01:02 and 06:01:07 alleles, the DQB1\*06:02:01-06:02:04, 06:02:06 and 06:02:08-06:02:15 alleles, the DQB1\*06:03:01-06:03:03, 06:03:05-06:03:06 and 06:03:11 alleles, the DQB1\*06:03:04 and 06:03:08-06:03:10, the DQB1\*06:04:01 and 06:04:03-06:04:08 alleles, the DQB1\*06:15:01-06:15:02 or the DQB1\*06:27:01-06:27:02 alleles.

<sup>1</sup>Alleles 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\*06 HOMO- AND HETEROZYGOTES:**

Very good.

**INFLUENCE ON THE INTERPRETATION OF DQB1\*06 SUBTYPINGS BY NON-DQB1\*06 ALLELES:**

None of importance.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No modifications made.