

Lot No.: 10M

## Olerup SSP® DQB1 high resolution for frequent alleles

Product number: 101.221-12 – including *Taq* polymerase  
101.221-12u – without *Taq* polymerase  
Lot number: 10M  
Expiry date: 2014-January-01  
Number of tests: 12 tests  
Number of wells per test: 47 + 1

### CHANGES COMPARED TO THE PREVIOUS DQB1 HIGH RESOLUTION LOT (31K):

Well	5'-primer	3'-primer	rationale
4	Added	Added	Primer pair added for the DQB1*03:28 allele.
5	Added	-	Primers added for the DQB1*05:06 and DQB1*05:07 alleles.
15	-	Added	Primer added for the DQB1*03:27 allele.
17	Added	Added	Primer pair added for the DQB1*03:28 allele, primer pair from well 40.
21	Added	-	Primer added for increased yield of HLA-specific PCR product.
22	Added	-	Primer added for the DQB1*04:02:02 allele.
34	Added	-	Primer added for the DQB1*05:07 allele.
35	Added	Added	Primer pairs added for the DQB1*03:27 and DQB1*03:31 alleles.
36	Added	-	Primer added for increased yield of HLA-specific PCR product.
38	Added	Added	Primer pair added for the DQB1*05:08 allele.
39	Added	Added	Primer pairs added for the DQB1*03:29 and DQB1*03:30 alleles.
40	Moved	Moved	Primer pair moved to well 17.
41	Added	-	Primer added for the DQB1*04:06 allele.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

All the currently recognized DQB1 alleles give rise to unique amplification patterns<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2010-October-01, release 3.2.0.

<sup>1</sup>The DQB1\*06:33 and 06:37 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 43.

### RESOLUTION IN DQB1 HOMOZYGOTES AND HETEROZYGOTES:

Very good.

### MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.