

Lot No.: 60S

Olerup SSP® DQB1 high resolution for frequent alleles

Product number: 101.221-12 – including *Taq* polymerase
101.221-12u – without *Taq* polymerase
Lot number: 60S
Expiry date: 2016-February-01
Number of tests: 12 tests
Number of wells per test: 63+ 1

CHANGES COMPARED TO THE PREVIOUS DQB1 HIGH RESOLUTION LOT (55R):

Well	5'-primer	3'-primer	rationale
1	-	Added	3'-primer added for the DQB1*02:01:07 allele.
7	-	Added	3'-primer added for the DQB1*03:01:08 allele.
8	-	Added	3'-primer added for the DQB1*02:01:07 allele.
10	Added	-	5'-primer added for the DQB1*02:11 allele.
17	-	Added, added	3'-primers added for the DQB1*02:10 and DQB1*03:47 alleles.
41	-	Added	3'-primer added for the DQB1*03:45 allele.
42	-	Added	3'-primer added for the DQB1*02:08 allele
50	Added	-	5'-primer added for the DQB1*03:46 allele
51	-	Added	3'-primer added for the DQB1*02:09 allele
54	-	Added	3'-primer added for the DQB1*05:17 allele.

THE NUMBER OF WELLS is unchanged

ALLELE COVERAGE:

All the currently recognized DQB1 alleles give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2013-April-17, release 3.12.0.

The DQB1 typing kit cannot distinguish the following silent mutations: the DQB1*02:01:01-02:01:08 alleles, the DQB1*02:02:01-02:02:02 alleles, the DQB1*03:01:01-03:01:02 and 03:01:05-03:01:07 alleles, the DQB1*03:02:01-03:02:05 alleles, the DQB1*03:03:02-03:03:04 alleles, the DQB1*03:05:01-03:05:04 alleles, the DQB1*04:01:01-04:01:02 alleles, the DQB1*04:02:01-04:02:02 alleles, the DQB1*05:01:01-05:01:03 alleles, the DQB1*05:02:01 and 05:02:03 alleles, the DQB1*05:03:01-05:03:05 alleles, the DQB1*06:01:01-06:01:06 alleles and the DQB1*06:04:01 and 06:04:03 alleles.

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

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RESOLUTION IN DQB1 HOMOZYGOTES AND HETEROZYGOTES:
Very good.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:
No suggestions received.