Olerup SSP® DQB1*02

Product number:	**101.213-24 – including *Taq* polymerase** **101.213-24u – without *Taq* polymerase**
Lot number:	**08S**
Expiry date:	**2015-October-01**
Number of tests:	**24**
Number of wells per test:	**12**

CHANGES COMPARED TO THE PREVIOUS DQB1*02 LOT (63N):

Well	5'-primer	3'-primer	rationale
6	Exchanged	-	Decrease tendencies of primer oligomer formation.
8	New	New	New primer pair for the DQB1*02:10 allele.
9	New	New	New primer pair for the DQB1*02:07 allele.
10	New	New	New primer pair for the DQB1*02:08 allele.
11	New	New	New primer pair for the DQB1*02:09 allele.
12	New	New	New primer pair for the DQB1*02:11 allele.

THE NUMBER OF WELLS is increased from 8 to 12.

ALLELE COVERAGE:
DQB1*02:01 to DQB1*02:11, i.e. all the currently recognized DQB1*02 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2013-January-11, release 3.11.0.

The DQB1*02 kit cannot distinguish the silent mutation in the DQB1*02:01:01-02:01:06, DQB1*02:01:08 and DQB1*02:02:01-02:02:02 alleles.

The DQB1*02:01:07 and the DQB1*03:01:01:01-03:23, 03:25-03:47, 04:01:01-04:09, 05:01:01:01-05:13, 05:15-05:18, 06:01:01-06:37 and 06:39-06:52 alleles give rise to identical amplification patterns with the DQB1*02 primer set. These alleles can be distinguished by the DQ low resolution kit and/or respective DQB1 high resolution kit.

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.