Olerup SSP® DRB3

Product number:	**101.121-24/04 – including *Taq* pol.** **101.121-24u/04u – without *Taq* pol.**
Lot number:	**52G**
Expiry date:	**2011-November-01**
Number of tests:	**24 tests – Product No. 101.121-24** **4 tests – Product No. 101.121-04**
Number of wells per test:	**27**

CHANGES COMPARED TO THE PREVIOUS DRB3 LOT (14F):

Well	5'-primer	3'-primer	rationale
1	-	Added	Primer added for the DRB3*010105 allele.
5	-	Added	Primer for the DRB3*0110 allele, from well 21.
10	-	-	Exchanged positive control primer pair to reduce dimer formation.
16	-	-	Exchanged positive control primer pair to reduce dimer formation.
21	-	Moved, added	Primer moved to well 5. Primer added for the DRB3*0113 allele.
23	-	-	Exchanged positive control primer pair to reduce dimer formation.
25	New	New	New primer pair for the DRB3*0112 allele.
26	New	New	New primer pair for the DRB3*0114 allele.
27	New	New	New primer pair for improved resolution of the DRB3*0201 and DRB3*0224 alleles.

THE NUMBER OF WELLS has been increased from 24 to 27 wells.

ALLELE COVERAGE:
DRB3*0101 to DRB3*0114, DRB3*0201 to DRB3*0225 and DRB3*0301 to DRB3*0303, i.e. all the currently recognized DRB3 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2009-October-19, release 2.27.0.

RESOLUTION IN DRB3 HOMOZYGOTES:
Very good.

INFLUENCE ON THE INTERPRETATION OF DRB3 SUBTYPINGS BY NON-DRB3 ALLELES:
None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:
Comments regarding dimer formation have been received. Several primers have been modified or moved to other wells to avoid these tendencies.