

## Olerup SSP<sup>®</sup> DRB3

Product number: 101.121-24/04 – including *Taq* pol.  
101.121-24u/04u – without *Taq* pol.  
Lot number: 14F  
Expiry date: 2010-October-01  
Number of tests: 24 tests – Product No. 101.121-24  
4 tests – Product No. 101.121-04  
Number of wells per test: 24

### CHANGES COMPARED TO THE PREVIOUS DRB3 LOT (Y16):

Well	5'-primer	3'-primer	rationale
1	-	Removed, modified	Specific primer for DRB3*0217 moved to well 15 to reduce dimer formation. Modified 3'-primer to increase specific amplification.
9	New	-	Primer added for the DRB3*0212 allele.
15	-	New	Primer added for the DRB3*0217 allele.
16	-	Removed	Specific primer for DRB3*0216 moved to well 17. Change of positive control primer pair to reduce dimer formation.
17	-	Modified, new	Primers added for the DRB3*0216 and 0223 alleles. Modified primer to increase amplification specificity.
19	-	New	Primer added for the DRB3*0223 allele.
21	-	Removed	Specific primer for DRB3*0216 moved to well 16 to reduce dimer formation.

**THE NUMBER OF WELLS** is unchanged.

#### ALLELE COVERAGE:

DRB3\*0101 to DRB3\*0111, DRB3\*0201 to DRB3\*0223 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](http://www.ebi.ac.uk/imgt/hla), 2008-July-11, release 2.22.0.

#### 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.