# Relese Note - Olerup SSP<sup>TM</sup> DR low resolution – Lot No. **Y39**

Product number:	101.101-48/12 – licensed for PCR
	101.101-48u/12u – <u>not</u> licensed for PCR
Lot number:	Y39
Expiry date:	2009-September-01
Number of tests:	48 tests – Product No. 101.101-48
	12 tests – Product No. 101.101-12
Number of tubes per test:	23 + 1

Tube	5'-primer	3'-primer	rationale
3	-	Added	Primer added for the DRB1*1527 allele.
4	Added	-	Primer added for the DRB1*1612 allele.
8	Added	-	Primer added for the DRB1*0466 allele
12	-	Added	Primer added for the DRB1*1002 alleles.
13	Removed/	-	To avoid co-amplification of DRB1*94
	modified		alleles.

# CHANGES COMPARED TO THE PREVIOUS DR LOW RESOLUTION LOT (X46):

# THE NUMBER OF PCR REACTIONS is unchanged.

# ALLELE COVERAGE:

All the HLA-DRB1, -DRB3, -DRB4<sup>1</sup> and –DRB5 alleles, i.e. DRB1\*010101 to 100102, DRB3\*010101 to DRB3\*0303, DRB4\*01010101 to DRB4\*0107, DRB5\*010101 to DRB5\*0205, i.e. all the currently recognized DRB1 alleles will be amplified by the primers in the DR low resolution SSP kit. The HLA-DRB alleles will be grouped into their corresponding serological specificities<sup>2</sup>; www.ebi.ac.uk/imgt/hla, 2007-October-05, release 2.19.0.

<sup>1</sup>The DRB4\*0201N and DRB4\*0301N null alleles will not be amplified by the DR low resolution primer set.

<sup>2</sup>The DRB1\*0809, DRB1\*0821 and DRB4\*1415 alleles yield identical amplification patterns except for the specific PCR product yielded by the DRB3 gene in linkage disequilibrium with the DRB1\*1415 allele.

The DRB1\*0820, DRB1\*1318, DRB1\*1347 and DRB1\*1355 alleles yield identical amplification patterns except for the specific PCR product yielded by the DRB3 gene in linkage disequilibrium with the DRB1\*1318, DRB1\*1347 and DRB1\*1355 alleles.

# MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.

