

## **Olerup SSP® DR low resolution**

**Product number:** 101.101-48/12 – including *Taq* pol.  
101.101-48u/12u – without *Taq* pol.  
**Lot number:** 05L  
**Expiry date:** 2013-July-01  
**Number of tests:** 48 tests – Product No. 101.101-48  
12 tests – Product No. 101.101-12  
**Number of wells per test:** 23 + 1

### **CHANGES COMPARED TO THE PREVIOUS DR LOW RESOLUTION LOT (76G):**

The primers of the wells detailed below have been exchanged, added or modified compared to the previous lot.

Well	5'-primer	3'-primer	rationale
1	Added	-	Primer added for the DRB1*01:33N allele.
3	-	Added	Primer added for the DRB1*15:50N allele.
4	-	Exchanged	Improved allelic resolution.
11	Modified	-	Improved specificity of amplification.
15	Added	-	Primer added for the DRB1*13:103 allele.
16	Added	-	Primer added for the DRB1*13:103 allele.
21	Exchanged	-	Improved allelic resolution.

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

All the HLA-DRB1, -DRB3, -DRB4<sup>1</sup> and -DRB5 alleles, i.e. **DRB1\*01:01:01 to 10:03, DRB3\*01:01:02:01 to DRB3\*03:03, DRB4\*01:01:01:01 to DRB4\*01:08, DRB5\*01:01:01 to DRB5\*02:05**, recognized by the HLA Nomenclature Committee in October 2010<sup>2</sup> 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>3</sup>.

<sup>1</sup>The DRB4\*02:01N and DRB4\*03:01N null alleles will not be amplified by the DR low resolution primer set.

<sup>2</sup>DRB alleles listed on the IMGT/HLA web page 2010-October-15, release 3.2.0., [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla).

<sup>3</sup>The DRB1\*08:09 and the DRB1\*14:15 alleles yield identical amplification patterns with the DR low resolution primer set. These alleles can be separated by the respective high resolution primer sets. The DRB1\*08:20 and the DRB1\*13:18, 13:47 and 13:55 alleles yield identical amplification patterns with the DR low resolution primer set. These alleles can be separated by the respective high resolution primer sets.

The DRB1\*08:31, 08:41 and DRB1\*11:67 alleles yield identical amplification patterns with the DR low resolution primer set. These alleles can be separated by the respective high resolution primer sets. The DRB1\*13:13 and DRB1\*14:84 alleles yield identical amplification patterns with the DR low resolution primer set. These alleles can be separated by the respective high resolution primer sets.

### **MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No suggestions received.