

**101.101-48/12 – including *Taq* polymerase**  
**101.101-48u/12u – without *Taq* polymerase**

**Lot No.: 1K2**

## **Olerup SSP® DR low resolution**

**Product number:** 101.101-48/12 – including *Taq* pol.  
101.101-48u/12u – without *Taq* pol.  
**Lot number:** 1K2  
**Expiry date:** 2023-09-01  
**Number of tests:** 48 tests – Product No. 101.101-48  
12 tests – Product No. 101.101-12  
**Number of wells per test:** 31 + 1

### **CHANGES COMPARED TO THE PREVIOUS DR LOW RESOLUTION LOT (4G4):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
1	-	Added	3'-primer added for the DRB1*01:90 allele.
2	-	Added	3'-primer added for the DRB1*01:99 allele.
3	-	Added	3'-primer added for the DRB1*15:158 allele.
4	-	Added	3'-primer added for the DRB1*16:50 allele.
8	Exchanged, removed	Modified	5'-primer exchanged, and 3'-primer modified for decreased tendency of primer oligomer formation. Excess 5'-primer removed.
10	-	Removed	3'-primer removed for improved HLA-specific resolution of the DRB1*08 and DRB1*12 alleles.
19	Added	-	5'-primer added for the DRB1*14:193 allele.
29	Added	-	5'-primer added for the DRB3*02:78 allele. Positive control primer pair exchanged for improved band separation.
30	-	Added	3'-primer added for the DRB4*01:72 allele.
31	Added	Added	5'-primer added for the DRB5*01:39 allele. 3'-primer added for the DRB5*01:51 allele.

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

All the HLA-DRB1, -DRB3, -DRB4 and -DRB5 alleles, i.e. **DRB1\*01:01:01 to 10:33**, **DRB3\*01:01:02:01 to DRB3\*03:25**, **DRB4\*01:01:01:01 to DRB4\*03:01N**, **DRB5\*01:01:01 to DRB5\*02:24**, recognized by the HLA Nomenclature Committee in April 2019<sup>1,2</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>1</sup>DRB alleles listed on the IMGT/HLA web page 2019-April-17, release 3.36.0, [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla).

<sup>2</sup>Alleles that have been deleted from or renamed in the official WHO HLA Nomenclature up to and including the last IMGT/HLA database release can be retrieved from web page <http://hla.alleles.org/alleles/deleted.html>.

<sup>3</sup>The following alleles give rise to identical amplification patterns with the DR low resolution primer set. These alleles can be separated by the respective high-resolution primer sets.

#### **Alleles**

DRB1\*08:31, DRB1\*11:05

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

No suggestions received.