

Olerup SSP® DR low resolution

Product number: 101.101-48/12 – including *Taq* pol.
101.101-48u/12u – without *Taq* pol.
Lot number: 76G
Expiry date: 2012-February-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 (83F):

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 | New primers for the DRB1*0123 and DRB1*0124 alleles. |
| 3 | - | Added, exchanged | Primers exchanged and added to avoid co-amplification of DRB1*16 alleles. |
| 5 | Added | - | Primer added for the DRB1*0342 allele. |
| 18 | Added | Added | Primer pair added for the DRB4*01030102N allele. |
| 19 | - | Removed | One 3'-primer removed and exchanged positive control primer pair, to decrease unspecific amplifications. |
| 21 | Added | Exchanged | 5'-primer added for the DRB3*0114 allele, exchanged 3-primer for improved allelic resolution. |
| 22 | - | Added | Primer pair added for the DRB4*0108 allele. |

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

All the HLA-DRB1, -DRB3, -DRB4¹ and –DRB5 alleles, i.e. **DRB1*010101 to 1003, DRB3*010101 to DRB3*0303, DRB4*010101 to DRB4*0108, DRB5*010101 to DRB5*0205**, recognized by the HLA Nomenclature Committee in January 2010² will be amplified by the primers in the DR low resolution SSP kit. The HLA-DRB alleles will be grouped into their corresponding serological specificities³.

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

²DRB alleles listed on the IMGT/HLA web page 2010-January-15, release 2.28.0, www.ebi.ac.uk/imgt/hla.

³The DRB1*0809, DRB1*0821 and DRB1*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.

101.101-48/12 – including *Taq* polymerase101.101-48u/12u – without *Taq* polymeraseLot No.: **76G**

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.

The DRB1*0831 and DRB1*1167 alleles yield identical amplification patterns except for the specific PCR product yielded by the DRB3 gene in linkage disequilibrium with the DRB1*1167 allele.

The DRB1*1313 and DRB1*1484 alleles and the DRB1*1385, DRB1*1419 and DRB1*1421 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.