

Olerup SSP[®] DRB1*14

Product number: 101.117-12/03 – including *Taq* pol.
101.117-12u/03u – without *Taq* pol.
Lot number: 43G
Expiry date: 2011-October-01
Number of tests: 12 tests – Product No. 101.117-12
3 tests – Product No. 101.117-03
Number of wells per test: 45

CHANGES COMPARED TO THE PREVIOUS DRB1*14 LOT (17F):

Well	5'-primer	3'-primer	rationale
3	-	Exchanged	Changed 3'-primer to decrease primer dimer tendencies.
8	Moved	Moved	Primer pair moved to well 24.
9	Modified	-	Modified 5'-primer to increase signal strength.
20	-	-	Exchanged positive control primer pair.
24	Added	Added	Primer pair from well 8.
26	Modified	-	Modified 5'-primer to increase signal strength.
43	New	New	New primer pair for the *1482 allele.
44	New	New	New primer pair for the *1483 allele.
45	New	New	New primer pair for the *1486 allele.

THE NUMBER OF WELLS has been increased from 42 to 45.

ALLELE COVERAGE:

DRB1*1401 to DRB1*1486, i.e. all the currently recognized DRB1*14 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2009-July-17, release 2.26.0.

RESOLUTION IN DRB1*14 HOMOZYGOTES:

DRB1*1402, 1402 genotype gives rise to a unique amplification pattern. The DRB1*1401, 1401 genotype gives the same amplification pattern as the DRB1*1401, 1454 genotype.

INFLUENCE ON THE INTERPRETATION OF DRB1*14 SUBTYPINGS BY NON-DRB1*14 ALLELES:

Most frequently encountered DRB1*03,14; DRB1*11,14 and DRB1*13,14 genotypes give rise to unique amplification patterns.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

Primer mix 26 has been modified to increase the yield of specific PCR product.