Olerup SSP® HLA-B*38

Product number:	**101.565-12 – including *Taq* polymerase** **101.565-12u – without *Taq* polymerase**
Lot number:	**42K**
Expiry date:	**2012-September-01**
Number of tests:	**12**
Number of wells per test:	**16**

CHANGES COMPARED TO THE PREVIOUS HLA-B*38 LOT (80F):

Well	5'-primer	3'-primer	rationale
7	Added	Added	Primer pair added for the B*38:21 allele.
8	Modified, added	Modified	Increased yield of specific PCR product, primers added for the B*38:20 and B*38:22 alleles.
9	Added	Added	Primer pair added for the B*38:21 allele.
11	Added	Added	Primer pair added for the B*38:18 allele.
12	Modified	-	Increased yield of specific PCR product.
16	Removed, added	Added	Decreased primer oligomer formation, primer pair added for the B*38:19 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
B*38:01 to B*38:22 i.e. all the currently recognized HLA-B*38 alleles, give rise to unique amplification patterns[1]; www.ebi.ac.uk/imgt/hla, 2010-April-01, release 3.0.0.

[1]The B*38:17 and B*39:37 alleles give rise to identical amplification patterns with the HLA-B*38 primer set. These two alleles can be distinguished by the HLA-B low resolution and/or HLA-B*39 kits.
The B*38:11 and 38:19 alleles may can be distinguished by the different sizes of the specific PCR products generated by primer mix 16.

RESOLUTION IN HLA-B*38 HOMO- AND HETEROZYGOTES:
The B*38:01,38:01, B*38:01,38:02 and B*38:02,38:02 genotypes give rise to unique amplification patterns.

INFLUENCE ON THE INTERPRETATION OF HLA-B*38 SUBTYPINGS BY NON-HLA-B*38 ALLELES:
None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:
No suggestions received.