Olerup SSP® HLA-B*48

Product number:	**101.546-06 – including *Taq* polymerase** **101.546-06u – without *Taq* polymerase**
Lot number:	**16G**
Expiry date:	**2011-September-01**
Number of tests:	**6**
Number of wells per test:	**16**

CHANGES COMPARED TO THE PREVIOUS HLA-B*48 LOT (03F):

Well	5'-primer	3'-primer	rationale
4	-	-	Exchanged positive control primer pair.
5	Moved, modified	-	Primer to well 14. Modified 5'-primer for improved specificity.
8	Added	-	Increased yield of specific amplification product.
14	Added	-	Primer from well 5.
15	-	-	Exchanged positive control primer pair.
16	-	Exchanged	Exchanged 3'-primer to decrease primer dimer formation tendencies.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
B*4801 to B*4819, i.e. all the currently recognized HLA-B*48 alleles, give rise to unique amplification patterns[1]; www.ebi.ac.uk/imgt/hla, 2009-July-17, release 2.26.0.

[1]The B*48 primer set cannot separate the B*4806 and B*8102 alleles. These two alleles can be distinguished by the HLA-B low resolution and/or HLA-B*81 kits.
The B*48 primer set cannot separate the B*4810, B*0817 and B*4211 alleles. These alleles can be distinguished by the HLA-B low resolution and/or HLA-B*08 and HLA-B*42 kits.
The B*48 primer set cannot separate the B*4813 and B*3803, 390201-390202, 3908 and 391301-391302 alleles. The B*4813 allele can be distinguished from the B*3803 and B*39xx alleles by the HLA-B low resolution and/or HLA-B*38/HLA-B*39 kits.
The B*48 primer set cannot separate the B*480101 and B*480102 alleler or the B*480301 and B*480302 alleles.

RESOLUTION IN HLA-B*48 HOMO- AND HETEROZYGOTES:
Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*48 SUBTYPINGS BY NON-HLA-B*48 ALLELES:
None frequently occurring.

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