

Olerup SSP® HLA-B*48

Product number: 101.546-06 – including Taq polymerase
101.546-06u – without Taq polymerase
Lot number: 44K
Expiry date: 2012-September-01
Number of tests: 6
Number of wells per test: 16

CHANGES COMPARED TO THE PREVIOUS HLA-B*48 LOT (16G):

Well	5'-primer	3'-primer	rationale
6	Added	Added	Primer pairs added for the B*48:20 and B*48:21 alleles.
10	-	-	Exchanged positive control primer pair.
11	Added	-	Primer added for the B*48:02:02 allele.
12	Moved, new	Moved, new	Primer pair moved to well 14, new primer pairs for the B*48:22 and B*48:23 alleles.
13	Added	-	Increased yield of specific PCR product.
14	Added	Added	Primer pair from well 12.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*48:01 to B*48:23, i.e. all the currently recognized HLA-B*48 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2010-July-16, release 3.1.0.

¹The B*48:09 and B*48:11 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 14.

The B*48 primer set cannot separate the B*48:06 and B*81:02 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*48:10, B*08:17, B*08:54 and B*42:11 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*48:13 and the 38:03, 39:02:01-39:02:02, 39:08 and 39:13:01-39:13:02 alleles. The B*48:13 allele can be distinguished from the B*38:03 and B*39:xx 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* 48:01:01 to 48:01:03, the 48:02:01 and 48:02:02 or the B*48:03:01 and B*48:03:02 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.