

Olerup SSP[®] HLA-B*48

Product number: 101.546-06 – including Taq polymerase
101.546-06u – without Taq polymerase
Lot number: 67R
Expiry date: 2015-June-01
Number of tests: 6
Number of wells per test: 16

CHANGES COMPARED TO THE PREVIOUS HLA-B*48 LOT (95M):

Well	5'-primer	3'-primer	rationale
5	Added	-	5'-primer added for the B*48:26 allele.
9	-	Added	3'-primer added for the B*48:27 allele, exchanged positive control primer pair.
15	-	-	Exchanged positive control primer pair.
16	Added	Added	Primer pair added for the B*48:28 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*48:01 to B*48:28, i.e. all the currently recognized HLA-B*48 alleles, will be amplified by the primers in the HLA-B*48 kit¹; www.ebi.ac.uk/imgt/hla, 2012-October17, release 3.10.0.

The HLA-B*48 kit enables separation of the confirmed HLA-B*48 alleles as listed in the IMGT/HLA database. An HLA allele is listed as confirmed by IMGT/HLA if it has been sequenced by more than a single laboratory or from multiple sources.

The HLA-B*48 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles

The 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*48:19 and B*48:27 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 9.

The B*48 primer set cannot separate the silent mutations in the B*48:01:01- 48:01:03, the B*48:02:01- 48:02:03 and the B*48:03:01-48:03:02 alleles.

¹The 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 and the B*08:17, 08:54, 38:03, 39:02:01-39:02:02, 39:08, 39:13:01-39:13:02, 41:22 and 42:11 alleles. These alleles can be distinguished by the HLA-B low resolution and/or HLA-B*08, HLA-B*38, HLA-B*39, HLA-B*41 and HLA-B*42 kits.

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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.