

Olerup SSP® HLA-B*48

Product number:	101.546-06 – including Taq polymerase 101.546-06u – without Taq polymerase
Lot number:	4H4
Expiry date:	2021-07-01
Number of tests:	6
Number of wells per test:	19+1

The HLA-B*48 primer set is unchanged compared to the previous Olerup SSP® HLA-B*48 (Lot No. 8E2).

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*48:01 to B*48:47, i.e. all the currently recognized HLA-B*48 alleles, will be amplified by the primers in the HLA-B*48 kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2018-October-18, release 3.34.0

The HLA-B*48 kit enables separation of the confirmed HLA-B*48 alleles as listed in the IMGT/HLA database 3.26.0. 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 null and alternatively expressed alleles.

The following HLA-B*48 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*48:09, 48:11	14
B*48:18, 48:29	15
B*48:19, 48:27	9

¹Alleles that have been deleted from or renamed in the official WHO HLA Nomenclature up to and including the last IMGT/HLA database release can be retrieved from web page <http://hla.alleles.org/alleles/deleted.html>.

²The B*48 primer set cannot separate the B*48:10 and the B*39:13:02 and 42:11 alleles. These alleles can be distinguished by the HLA-B low resolution and/or HLA-B*39 and HLA-B*42 kits.

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.

HLA-B*48

Release Note

Page 2 of 2

101.546-06 – including Taq polymerase

101.546-06u – without *Taq* polymerase

Lot No.: 4H4

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.