

Olerup SSP® HLA-B*50

Product number: 101.548-06 – including *Taq* polymerase
101.548-06u – without *Taq* polymerase
Lot number: 7F3
Expiry date: 2020-04-01
Number of tests: 6
Number of wells per test: 23+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*50 LOT (5D5):

Well	5'-primer	3'-primer	rationale
6	-	Added	3'-primer added for the B*50:47 allele.
8	-	Modified	3'-primer modified for increased yield.
9	-	Added	3'-primer added for the B*50:46 allele.
22	Added	Added	Negative control moved to well 24, primer pair added for the B*50:45 allele.
23	New	New	New primer pair added for the B*50:51 allele.
24	-	-	Negative control added from well 22.

THE NUMBER OF WELLS is increased from 22 to 24 wells.

ALLELE COVERAGE:

B*50:01 to B*50:53, i.e. all the currently recognized HLA-B*50 alleles, will be amplified by the primers in the HLA-B*50 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2017-August-10, release 3.29.0.

The HLA-B*50 kit enables separation of the confirmed HLA-B*50 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*50 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

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>.

RESOLUTION IN HLA-B*50 HOMO- AND HETEROZYGOTES:

Very good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*50 SUBTYPINGS BY NON-HLA-B*50 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

In primer mix 8, the 3'-primer was modified for increased yield.