

Olerup SSP[®] HLA-B*50

Product number: 101.548-06 – including *Taq* polymerase
101.548-06u – without *Taq* polymerase
Lot number: 89R
Expiry date: 2015-July-01
Number of tests: 6
Number of wells per test: 16

CHANGES COMPARED TO THE PREVIOUS HLA-B*50 LOT (67M):

Well	5'-primer	3'-primer	rationale
8	Added	Added	Primer pair added for the B*50:17 allele.
9	Added	Added	Primer pair from well 13.
11	-	Added	3'-primer added for the B*50:16 allele.
12	Added	-	5'-primers added for the B*50:18 and B*50:19 alleles.
13	Moved	Moved	Primer pair moved to well 9, for decreased tendencies of primer oligomer formation.
15	Added	Added	Primer pair added for the B*50:19 allele, exchanged positive control primer pair.
16	Added	Added	Primer pair added for the B*50:15 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*50:01 to B*50:19, 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, 2012-October-17, release 3.10.0.

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.

The HLA-B*50 subtyping kit cannot distinguish the silent mutations in the B*50:01:01-50:01:02 alleles.

¹The B*50:14 and 40:95 alleles will give rise to identical amplification patterns with the HLA-B*50 subtyping kit. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*40 subtyping kit.

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

Very good.

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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:

No comments received.