

Olerup SSP® HLA-B*49

Product number: 101.547-06 – including *Taq* polymerase
101.547-06u – without *Taq* polymerase
Lot number: 34R
Expiry date: 2015-March-01
Number of tests: 6
Number of wells per test: 16

CHANGES COMPARED TO THE PREVIOUS HLA-B*49 LOT (74M):

Well	5'-primer	3'-primer	rationale
3	Added	Added	Primer pair added for the B*49:22 allele, exchanged positive control primer pair.
9	Exchanged, added	Added	Exchanged 5'-primer for improved allelic resolution, primer pair added for the B*49:21 allele, exchanged positive control primer pair.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*49:01 to B*49:22, i.e. all the currently recognized HLA-B*49 alleles, will be amplified by the primers in the HLA-B*49 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2012-July-12, release 3.9.0.

The HLA-B*49 kit enables separation of the confirmed HLA-B*49 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*49 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

¹The HLA-B*49 subtyping kit cannot distinguish the B*49:01:01 and B*49:01:03 alleles. The B*49:07 and 49:21 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 9. The B*49:08 and 49:16 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 10. The B*49:13 and 49:14 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 15.

RESOLUTION IN HLA-B*49 HOMO- AND HETEROZYGOTES:

Excellent.

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INFLUENCE ON THE INTERPRETATION OF HLA-B*49 SUBTYPINGS BY NON-HLA-B*49 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No modifications made.