

Olerup SSP[®] HLA-B*37

Product number: 101.541-06 – including *Taq* polymerase
101.541-06u – without *Taq* polymerase
Lot number: 7F5
Expiry date: 2020-04-01
Number of tests: 6
Number of wells per test: 29+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*37 LOT (4D3):

Well	5'-primer	3'-primer	rationale
13	Moved	Moved	Primer pairs moved to wells 28 and 29 for improved HLA-specific amplification.
26	Added	Added	Negative Control moved to well 29, primer pair added for the B*37:58 allele.
27	New	New	New primer pair added for the B*37:68 allele.
28	Added	Added	Primer pair added from well 13 for improved HLA-specific amplification.
29	Added	Added	Primer pair added from well 13 for improved HLA-specific amplification.
30	-	-	Negative control added from well 26.

THE NUMBER OF WELLS is increased from 26 to 30 wells.

ALLELE COVERAGE:

B*37:01 to B*37:68, i.e. all the currently recognized HLA-B*37 alleles, will be amplified by the primers in the HLA-B*37 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2017-August-10, release 3.29.0.

The HLA-B*37 kit enables separation of the confirmed HLA-B*37 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 following HLA-B*37 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*37:24, 37:27	21
B*37:26, 37:46	10

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*37 HOMO- AND HETEROZYGOTES:

The B*37:01,37:01 genotype gives rise to a unique amplification pattern.

HLA-B*37

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INFLUENCE ON THE INTERPRETATION OF HLA-B*37 SUBTYPINGS BY NON-HLA-B*37 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.