

101.541-06 – including *Taq* polymerase

101.541-06u – without *Taq* polymerase

Lot No.: 91V

Olerup SSP® HLA-B*37

Product number: 101.541-06 – including *Taq* polymerase
101.541-06u – without *Taq* polymerase

Lot number: 91V

Expiry date: 2017-January-01

Number of tests: 6

Number of wells per test: 23+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*37 LOT (32S):

Well	5'-primer	3'-primer	rationale
4	-	Added	3'-primer added for the B*37:48 allele.
7	Added	-	5'-primer added for the B*37:42N allele.
9	Added	-	5'-primer added for the B*37:42N allele.
10	Added	Added	Primer pair added for the B*37:46 allele.
11	Added	Added	Primer pair added for the B*37:43 allele.
14	Added	Added	Primer pair added for the B*37:47 allele.
15	Added	Added	Primer pair added for the B*37:45 allele.
16	Added	-	5'-primer added from well 18.
17	Added	-	5'-primer added from well 18.
18	Added, moved	Added	Primer pair added from well 24, 5'-primers moved to wells 16 and 17.
19	Added	Added	Primer pair added for the B*37:45 allele.
20	-	Added	3'-primer added for the B*37:48 allele.
23	-	Added	3'-primer added for the B*37:43 allele.
24	Moved	Moved	Primer pair moved to well 18, Negative Control.

THE NUMBER OF WELLS is unchanged compared to previous lot.

ALLELE COVERAGE:

B*37:01 to B*37:49, 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, 2014-April-14, release 3.16.0.

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

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The HLA-B*37 subtyping kit cannot distinguish the B*37:01:01 to B*37:01:09, the B*37:04:01 and 37:04:02 or the B*37:06:01-37:06:02 alleles.

¹ Alleles 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.

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.