

101.541-06 – including *Taq* polymerase

101.541-06u – without *Taq* polymerase

Lot No.: **4D3**

## **Olerup SSP® HLA-B\*37**

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

**Lot number:** 4D3

**Expiry date:** 2018-07-01

**Number of tests:** 6

**Number of wells per test:** 25+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*37 LOT (91V):**

| <b>Well</b> | <b>5'-primer</b> | <b>3'-primer</b> | <b>rationale</b>  |
|-------------|------------------|------------------|---|
| 24          | Added            | Added            | Negative control moved to well 26, primer pair added for the B*37:52 allele.          |
| 25          | New              | New              | New primer pair added for improved allelic resolution of the 37:01 and 37:02 alleles. |
| 26          | -                | -                | Updated negative control added from well 24.  |

**THE NUMBER OF WELLS** is increased from 24 to 26 wells.

### **ALLELE COVERAGE:**

B\*37:01 to B\*37:57, i.e. all the currently recognized HLA-B\*37 alleles, will be amplified by the primers in the HLA-B\*37 SSP kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2015-October-10, release 3.22.0.

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:

| <b>Alleles</b> | <b>Primer mix</b> |
|----------------|-------------------|
| B*37:24, 37:27 | 21                |
| B*37:26, 37:46 | 10                |

The HLA-B\*37 subtyping kit cannot distinguish the B\*37:01:01 to B\*37:01:11, the B\*37:04:01 and 37:04:02 or the B\*37:06:01-37:06:02 alleles.

<sup>1</sup>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.

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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.