

## **Olerup SSP<sup>®</sup> HLA-B\*37**

<b>Product number:</b>	<b>101.541-06 – including <i>Taq</i> polymerase</b> <b>101.541-06u – without <i>Taq</i> polymerase</b>
<b>Lot number:</b>	<b>6K5</b>
<b>Expiry date:</b>	<b>2024-02-01</b>
<b>Number of tests:</b>	<b>6</b>
<b>Number of wells per test:</b>	<b>29+1</b>

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*37 LOT (7F5):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
10	Modified	-	5'-primer modified for improved HLA-specific amplification.

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

B\*37:01 to B\*37:91, 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), 2019-October-17, release 3.38.0.

The HLA-B\*37 kit enables separation of the confirmed HLA-B\*37 alleles as listed in the IMGT/HLA database 3.29. 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

<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.

### **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.