

## **Olerup SSP® HLA-B\*49**

<b>Product number:</b>	<b>101.547-06 – including <i>Taq</i> polymerase</b> <b>101.547-06u – without <i>Taq</i> polymerase</b>
<b>Lot number:</b>	<b>8K1</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>21+1</b>

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*49 LOT (8H2):**

The primers of the wells detailed below have been exchanged, added or modified compared to the previous lot (**Lot No. 8H2**).

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
21	Added	Added	Negative control moved to well 22, primer pair added for the B*49:61 allele.
22	-	-	Negative control moved from well 21.

**THE NUMBER OF WELLS** is increased from 21 to 22 wells.

### **ALLELE COVERAGE:**

B\*49:01 to B\*49:65, i.e. all the currently recognized HLA-B\*49 alleles, will be amplified by the primers in the HLA-B\*49 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\*49 kit enables separation of the confirmed HLA-B\*49 alleles as listed in the IMGT/HLA database 3.25.0. 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 many null and alternatively expressed alleles.

The following HLA-B\*49 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

<b>Alleles</b>	<b>Primer mix</b>
B*49:07, 49:21	9
B*49:08, 49:16	10
B*49:13-49:14	15

<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\*49 HOMO- AND HETEROZYGOTES:**

Excellent.

**101.547-06 – including *Taq* polymerase**

**101.547-06u – without *Taq* polymerase**

**Lot No.: 8K1**

**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 comments received.