

## **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>8L4</b>
<b>Expiry date:</b>	<b>2025-02-01</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 (8K1):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
8	-	Exchanged	3'-primer exchanged for improved resolution of the B*49:05 allele.

**THE NUMBER OF WELLS** is unchanged.

#### **ALLELE COVERAGE:**

B\*49:01 to B\*49:69, 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), 2020-October-15, release 3.42.0.

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>.

**HLA-B\*49**

**Release Note**

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**RESOLUTION IN HLA-B\*49 HOMO- AND HETEROZYGOTES:**

Excellent.

**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.