

## ***Olerup SSP®* HLA-B\*14**

<b>Product number:</b>	<b>101.524-12 – including <i>Taq</i> polymerase</b> <b>101.524-12u – without <i>Taq</i> polymerase</b>
<b>Lot number:</b>	<b>6K2</b>
<b>Expiry date:</b>	<b>2023-12-01</b>
<b>Number of tests:</b>	<b>12</b>
<b>Number of wells per test:</b>	<b>21+1</b>

### **CHANGES COMPARED TO THE PREVIOUS OLERUP SSP® HLA-B\*14 LOT (7G2):**

The HLA-B\*14 primer set is unchanged compared to the previous *Olerup SSP®* HLA-B\*14 (Lot No. 7G2).

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

B\*14:01 to B\*14:82 i.e. all the currently recognized HLA-B\*14 alleles, will be amplified by the primers in the HLA-B\*14 subtyping kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2019-July-10, release 3.37.0.

The HLA-B\*14 kit enables separation of the confirmed HLA-B\*14 alleles as listed in the IMGT/HLA database 3.27.0. 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\*14 kit also enables identification of many null and alternatively expressed alleles.

The following alleles will give rise to identical amplification patterns with the HLA-B\*14 subtyping kit. These alleles can be distinguished by the HLA-B low resolution kit and/or the respective high resolution subtyping kits:

### **Alleles**

B\*14:08:01-14:08:02, 39:43  
B\*14:62, 15:44, 39:129, 59:08

The following HLA-B\*14 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

<b>Alleles</b>	<b>Primer mix</b>
B*14:16, 14:23	16

<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>.

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**RESOLUTION IN HLA-B\*14 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*14 SUBTYPINGS BY NON-HLA-B\*14 ALLELES:**

None of importance.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No comments received.