

## **Olerup SSP® HLA-C\*08**

<b>Product number:</b>	<b>101.623-12 – including <i>Taq</i> polymerase</b> <b>101.623-12u – without <i>Taq</i> polymerase</b>
<b>Lot number:</b>	<b>4G7</b>
<b>Expiry date:</b>	<b>2021-01-01</b>
<b>Number of tests:</b>	<b>12</b>
<b>Number of wells per test:</b>	<b>41+1</b>

### **CHANGES COMPARED TO THE PREVIOUS HLA-C\*08 LOT (1F2):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
16	Modified	Modified	Primer pair modified for increased yield and improved HLA-specific amplification.
35	Modified	-	5'-primer modified for improved HLA-specific amplification.
41	New	New	Negative Control moved to well 42. New primer pair for improved allelic resolution of the C*08:01 and the C*08:03 alleles.
42	-	-	Negative Control added from well 41.

**THE NUMBER OF WELLS** is increased from 41 to 42 wells.

### **ALLELE COVERAGE:**

C\*08:01 to C\*08:159, i.e. all the currently recognized HLA-C\*08 alleles, will be amplified by the primers in the HLA-C\*08 SSP kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-January-19, release 3.31.0.

The HLA-C\*08 kit enables separation of the confirmed HLA-C\*08 alleles as listed in the IMGT/HLA database 3.26. 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-C\*08 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

The following HLA-C\*08 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

<b>Alleles</b>	<b>Primer mix</b>	<b>Alleles</b>	<b>Primer mix</b>
C*08:20, 08:99	30	C*08:36N, 08:78	23
C*08:24, 08:88N	9	C*08:69, 08:70Q	23
C*08:30, 08:32	19		

<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-C\*08 HOMO- AND HETEROZYGOTES:**

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**101.623-12u – without *Taq* polymerase**

**Lot No.: 4G7**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-C\*08 SUBTYPINGS BY NON-HLA-C\*08 ALLELES:**

None frequently occurring.

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

No comments received.