

**HLA-C\*16**  
**101.627-12 – including *Taq* polymerase**  
**101.627-12u – without *Taq* polymerase**  
**Lot No.: 0H4**

**Release Note**

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## **Olerup SSP® HLA-C\*16**

**Product number:** 101.627-12 – including *Taq* polymerase  
101.627-12u – without *Taq* polymerase  
**Lot number:** 0H4  
**Expiry date:** 2021-05-01  
**Number of tests:** 12  
**Number of wells per test:** 23+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-C\*16 LOT (7E1):**

Well	5'-primer	3'-primer	rationale
8	-	Added	3'-primer added for the C*16:123N allele.
13	-	Added	3'-primer added for the C*16:123N allele.

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

C\*16:01 to C\*16:123N i.e. all the currently recognized HLA-C\*16 alleles, will be amplified by the primers in the HLA-C\*16 SSP kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-July-11, release 3.33.0.

The HLA-C\*16 kit enables separation of the confirmed HLA-C\*16 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-C\*16 kit also enables identification of null and alternatively expressed alleles.

The following HLA-C\*16 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*16:15:01-16:15:02, 16:20	11	C*16:27, 16:32	20
C*16:16Q, 16:17	12	C*16:28, 16:31, 16:50	19
C*16:24, 16:58	22	C*16:30N, 16:56	23

<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>.

<sup>2</sup>The HLA-C\*16 primer set cannot separate the 16:04:01:01-16:04:01:02, 16:04:04-16:04:05, 16:33, 16:66, 16:78, 16:82, 16:109 and the C\*12:176 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or the HLA-C\*12 high resolution kit.

### **RESOLUTION IN HLA-C\*16 HOMO- AND HETEROZYGOTES:**

Good.

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**INFLUENCE ON THE INTERPRETATION OF HLA-C\*16 SUBTYPINGS BY NON-HLA-C\*16 ALLELES:**

None frequently occurring.

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

No comments received.