

**101.621-12 – including *Taq* polymerase**

**101.621-12u – without *Taq* polymerase**

**Lot No.: 6K1**

## **Olerup SSP® HLA-C\*01**

**Product number:** 101.621-12 – including *Taq* polymerase  
101.621-12u – without *Taq* polymerase

**Lot number:** 6K1

**Expiry date:** 2023-12-01

**Number of tests:** 12

**Number of wells per test:** 31+1

The HLA-C\*01 primer set is unchanged compared to the previous Olerup SSP® HLA-C\*01 (Lot No. 4G0).

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

C\*01:02 to C\*01:184 i.e. all the currently recognized HLA-C\*01 alleles, will be amplified by the primers in the HLA-C\*01 SSP kit<sup>1,2,3</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2019-July-10<sup>1</sup>, release 3.37.0.

The following HLA-C\*01 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*01:06, 01:38	5	C*01:29, 01:33	21
C*01:10, 01:52	9	C*01:31, 01:44, 01:107, 01:141	23
C*01:17, 01:41, 01:128, 01:157	14	C*01:32:01-01:32:02, 01:40	22
C*01:18, 01:42	15	C*01:39, 01:137N	11
C*01:19, 01:43, 01:58	16	C*01:70, 01:99	25
C*01:26, 01:145N	18	C*01:89N, 01:109N	29
C*01:27, 01:45	19	C*01:93, 01:121Q	30
C*01:28, 01:56N	20		

<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\*01 primer set cannot separate the C\*01:21 allele from the C\*12:215 allele. These alleles can be distinguished by the HLA-C low resolution kit and/or by the HLA-C\*12 high resolution kit. The HLA-C\*01 primer set cannot separate the C\*01:123 and the C\*01:125 alleles from the C\*03:86, 03:94 and 03:99:01-01:99:02 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or by the HLA-C\*03 high resolution kit.

The HLA-C\*01 primer set cannot separate the C\*01:21 allele from the C\*12:215 allele. These alleles can be distinguished by the HLA-C low resolution kit and/or by the HLA-C\*12 high resolution kit. The HLA-C\*01 primer set cannot separate the C\*01:49:02, C\*01:158, C\*03:416 and B\*54:18 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or by the HLA-C\*12 high resolution kit.

<sup>3</sup>The HLA-C\*01 primer set cannot separate the C\*01:50 allele and the 01:120 allele.

The HLA-C\*01 primer set cannot separate the C\*01:81 allele and the 01:02:01:01-01:02:63 alleles.

### **RESOLUTION IN HLA-C\*01 HOMO- AND HETEROZYGOTES:**

Good.

**HLA-C\*01**

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**INFLUENCE ON THE INTERPRETATION OF HLA-C\*01 SUBTYPINGS BY NON-HLA-C\*01 ALLELES:**

None of importance.

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

No comments received.