

**HLA-C\*06**  
**101.614-12 – including Taq polymerase**  
**101.614-12u – without Taq polymerase**  
**Lot No.: 1G4**

**Release Note**

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## **Olerup SSP® HLA-C\*06**

**Product number:** 101.614-12 – including Taq polymerase  
101.614-12u – without Taq polymerase  
**Lot number:** 1G4  
**Expiry date:** 2021-01-01  
**Number of tests:** 12  
**Number of wells per test:** 58+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-C\*06 LOT (2E9):**

Well	5'-primer	3'-primer	rationale
24	-	Moved	3'-primer moved to well 57 for improved HLA-specific amplification.
28	-	Moved	3'-primer moved to well 57 for improved HLA-specific amplification.
48	Exchanged	-	5'-primer exchanged for improved HLA-specific amplification.
57	Added	Added	Negative Control moved to well 59, primer pair added from wells 24 and 28.
58	New	New	New primer pair for the C*06:200Q allele.
59	-	-	Negative Control added from well 57.

**THE NUMBER OF WELLS** is increased from 57 to 59 wells.

### **ALLELE COVERAGE:**

C\*06:01 to C\*06:205, i.e. all the currently recognized HLA-C\*06 alleles, will be amplified by the primers in the HLA-C\*06 SSP kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-January-19, release 3.31.0.

The HLA-C\*06 kit enables separation of the confirmed HLA-C\*06 alleles as listed in the IMGT/HLA database 3.24.0. 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\*06 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\*06 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*06:07, 06:33	7	C*06:45, 06:111	31
C*06:15, 06:116N	15	C*06:49N, 06:148	37
C*06:16N, 06:21	16	C*06:54, 06:133	40
C*06:20, 06:74Q	34	C*06:57, 06:58	36
C*06:25, 06:36	21	C*06:66, 06:71	32
C*06:27, 06:29	20	C*06:70:01-06:70:02, 06:73	38

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<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\*06 primer set cannot separate the C\*06:127:01-06:127:02 and C\*04:220 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or HLA-C\*04 high resolution kit.

**RESOLUTION IN HLA-C\*06 HOMO- AND HETEROZYGOTES:**

The C\*06:02, 06:02 genotype gives rise to a unique amplification pattern.

**INFLUENCE ON THE INTERPRETATION OF HLA-C\*06 SUBTYPINGS BY NON-HLA-C\*06 ALLELES:**

None frequently occurring.

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

No comments received.