

## **Olerup SSP® HLA-C\*12**

**Product number:** 101.624-12 – including *Taq* polymerase  
101.624-12u – without *Taq* polymerase  
**Lot number:** 6N5  
**Expiry date:** 2025-11-01  
**Number of tests:** 12  
**Number of wells per test:** 47+1

The HLA-C\*12 primer set is unchanged compared to the previous Olerup SSP® HLA-C\*12 (Lot No. 6L7).

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

C\*12:02 to C\*12:349, i.e. all the currently recognized HLA-C\*12 alleles, will be amplified by the primers in the HLA-C\*12 SSP kit<sup>2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2021-July-12<sup>1</sup>, release 3.45.0.

The HLA-C\*12 kit enables separation of the confirmed HLA-C\*12 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-C\*12 kit also enables identification of null and alternatively expressed alleles.

The following HLA-C\*12 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*12:03:09, 12:159	17	C*12:32, 12:34	30
C*12:06, 12:48, 12:81	6	C*12:39N, 12:167	25
C*12:11, 12:227	14	C*12:45, 12:50, 12:232N	28
C*12:23, 12:203	22	C*12:46N	20
C*12:29, 12:38	29	C*12:86, 12:104N	29
C*12:30, 12:36	27	C*12:109, 12:171	34

The following alleles give rise to identical amplification patterns with the HLA-C\*12 primer set. These alleles can be distinguished by the HLA-C low resolution kit and the HLA-C\*05, HLA-C\*07, HLA-C\*08 or HLA-C\*16 kit, respectively.

### **Alleles**

C\*12:09, C\*05:16, C\*05:85, C\*05:107, C\*05:241, C\*16:88

C\*12:33, C\*16:91

C\*12:181, C\*07:723

C\*12:208, C\*12:222, C\*12:233, C\*12:251, C\*12:258, C\*08:05, C\*08:25, C\*16:15:01



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**RESOLUTION IN HLA-C\*12 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-C\*12 SUBTYPINGS BY NON-HLA-C\*12**

**ALLELES:**

None frequently occurring.

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

No comments received.

