

Olerup SSP® HLA-C*01

Product number:	101.621-12 – including Taq polymerase 101.621-12u – without Taq polymerase
Lot number:	2N8
Expiry date:	2025-07-01
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. 6K1).

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*01:02 to C*01:213 i.e. all the currently recognized HLA-C*01 alleles, will be amplified by the primers in the HLA-C*01 SSP kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2021-April-20¹, release 3.44.0.

The HLA-C*01 kit enables separation of the confirmed HLA-C*01 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. Current allele confirmation status for HLA-C*01 alleles is listed below.

The HLA-C*01 kit also enables identification of many null and alternatively expressed alleles.

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*01:27, 01:45	19	C*01:89N, 01:109N	29
C*01:28, 01:56N	20	C*01:93, 01:121Q	30

¹Alleles 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>.

²The following alleles will give rise to identical amplification patterns with the HLA-C*01 subtyping kit. These alleles can be distinguished by the HLA-C low resolution kit and/or the respective high resolution subtyping kits:



HLA-C*01

101.621-12 – including *Taq* polymerase

101.621-12u – without *Taq* polymerase

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Alleles

C*01:21, 12:215

C*01:123, 01:125, 01:156, 01:168-01:169:02, 01:177, 01:186, 01:204, C*03:86, 03:94
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C* 01:158, 01:193, 01:205, C*03:416, B*54:18
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RESOLUTION IN HLA-C*01 HOMO- AND HETEROZYGOTES:

Good.

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.

