

Olerup SSP® HLA-C*16

Product number: 101.627-12 – including *Taq* polymerase
101.627-12u – without *Taq* polymerase
Lot number: 1R2
Expiry date: 2026-05-01
Number of tests: 12
Number of wells per test: 23+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*16 LOT (8K9):

Well	5'-primer	3'-primer	rationale
9	-	Added	3'-primer added for the *16:33 allele
10	Modified	-	Modified 5'-primer due to unspecific amplification, exchanged positive control primer pair
14	Added	Added	Primer pair added for the *16:74 allele

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*16:01 to C*16:197 i.e. all the currently recognized HLA-C*16 alleles, will be amplified by the primers in the HLA-C*16 SSP kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2022-April-19, release 3.48.0.

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 many 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

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 cannot be separated by the HLA-C*16 kit. These alleles can be distinguished by the HLA-C low resolution kit and/or the HLA-C*12 high resolution kit.

Alleles

C*16:04:01:01-16:04:01:03, 16:04:04-16:04:05, 16:66, 16:78, 16:82, 16:109, 16:124, 16:149-16:150, 16:182, C*12:176, 12:333



HLA-C*16

Release Note

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

Good.

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.

