

Olerup SSP[®] HLA-C*16

Product number:	101.627-12 – including <i>Taq</i> polymerase 101.627-12u – without <i>Taq</i> polymerase
Lot number:	1K6
Expiry date:	2023-09-01
Number of tests:	12
Number of wells per test:	23+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*16 LOT (0H4):

Well	5'-primer	3'-primer	rationale
2	Exchanged	Added	5'-primer exchanged for improved yield. 3'-primer added for the C*16:02:15 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*16:01 to C*16:152 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, 2019-April-17, release 3.36.0.

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 HLA-C*16 primer set cannot separate the 16:04:01:01-16:04:01:02, 16:04:04-16:04:05, 16:33, 16:66, 16:78, 16:82, 16:109, 16:124, 16:149-16:150 and the C*12:176 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or the HLA-C*12 high resolution kit.

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

Good.

HLA-C*16

Release Note

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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.