

HLA-C*16
101.627-12 – including *Taq* polymerase
101.627-12u – without *Taq* polymerase
Lot No.: 9R8

Release Note

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Olerup SSP® HLA-C*16

Product number: 101.627-12 – including *Taq* polymerase
101.627-12u – without *Taq* polymerase
Lot number: 9R8
Expiry date: 2027-03-01
Number of tests: 12
Number of wells per test: 23+1

The HLA-C*16 primer set is unchanged compared to the previous Olerup SSP® HLA-C*16 (Lot No. 1R2).

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*16:01 to C*16:204 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, 2023-January-12, release 3.51.0.

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*16:15:02, 16:20, 16:201 | 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, 16:203, C*12:176, 12:333

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

Good.



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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.

