

Olerup SSP® HLA-C*15

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|----------------------------------|---|
| Product number: | 101.626-12 – including Taq polymerase 101.626-12u – without Taq polymerase |
| Lot number: | 6G9 |
| Expiry date: | 2022-09-01 |
| Number of tests: | 12 |
| Number of wells per test: | 41+1 |

CHANGES COMPARED TO THE PREVIOUS HLA-C*15 LOT (1F1):

| Well | 5'-primer | 3'-primer | rationale |
|------|-----------|-----------|---|
| 40 | Added | Added | Negative control moved to well 42, new primer pair added for the C*15:02:01:08N allele. |
| 41 | New | New | New primer pair added for the C*15:145N allele. |
| 42 | - | - | Negative Control added from well 40. |

THE NUMBER OF WELLS is increased from 40 to 42 wells.

ALLELE COVERAGE:

C*15:02 to C*15:155, i.e. all the currently recognized HLA-C*15 alleles, will be amplified by the primers in the HLA-C*15 SSP kit ¹; www.ebi.ac.uk/imgt/hla, 2018-April-16^{1,2}, release 3.32.0.

The HLA-C*15 kit enables separation of the confirmed HLA-C*15 alleles as listed in the IMGT/HLA database 3.26.0. 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*15 kit also enables identification of null and alternatively expressed alleles.

The following HLA-C*15 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

| Alleles | Primer mix | Alleles | Primer mix |
|-------------------------|------------|------------------|------------|
| C*15:18, 15:118, 15:138 | 9 | C*15:35, 15:47 | 21 |
| C*15:32Q, 15:41 | 24 | C*15:44:01-15:45 | 20 |
| C*15:33, 15:84Q | 28 | C*15:46, 15:111 | 19 |
| C*15:34, 15:39, 15:130 | 17 | C*15:81, 15:96Q | 29 |

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*15 primer set cannot separate the C*15:04:01-15:04:03 and the C*16:70 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or HLA-C*16 high resolution kit.

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RESOLUTION IN HLA-C*15 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*15 SUBTYPINGS BY NON-HLA-C*15 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.

Changes in revision R01 compared to R00:

1. The expiration date has been altered due to extension of shelf-life.