

**HLA-C High Resolution for frequent alleles**

**101.707-12 – including *Taq* polymerase**

**101.707-12 – without *Taq* polymerase**

**Lot No.: 1N9**

## **Olerup SSP<sup>®</sup> HLA-C high resolution for frequent alleles**

**Product number:** 101.707-12 – including *Taq* polymerase  
 101.707-12u – without *Taq* polymerase

**Lot number:** 1N9

**Expiry date:** 2025-03-01

**Number of tests:** 12

**Number of wells per test:** 95 + 1

**Changes compared to the previous HLA-C High Lot (9K7):**

The HLA-C high resolution primer set is unchanged compared to the previous Olerup SSP<sup>®</sup> HLA-C high lot (Lot No. 9K7).

THE NUMBER OF WELLS is unchanged.

**ALLELE COVERAGE:**

C\*01:02 to C\*18:14, i.e. all the currently recognized HLA-C alleles, will be amplified by the primers in the HLA-C high resolution for frequent alleles subtyping kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2021-January-18, release 3.43.0.

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

| Alleles  | Primer mix | Alleles   | Primer mix |
|--|------------|---|------------|
| C*01:06, 01:11                                   | 3          | C*06:08, 06:13  | 43         |
| C*01:15:01, 01:20, 01:60                         | 6          | C*06:89, 06:161                                       | 73         |
| C*01:113, 01:140                                 | 73         | C*07:02:75, 07:679                                    | 8          |
| C*02:51, 02:57                                   | 31         | C*07:22, 07:35, 07:404                                | 56         |
| C*03:09, 03:23, 03:80:02,<br>03:287:01-03:287:02 | 18         | C*07:25, 07:137:01, 07:138, 07:352                    | 56         |
| C*03:21-03:22Q, 03:116:01,<br>03:413             | 18         | C*07:33N, 07:51                                       | 55         |
| C*03:34, 03:44                                   | 80         | C*07:37, 07:54, 07:755                                | 2          |
| C*03:37:01-03:37:02, 03:46                       | 11         | C*07:47, 07:48  | 91         |
| C*03:386, 03:494                                 | 80         | C*07:60, 07:109:01-07:109:02                          | 17         |
| C*04:08, 04:09N                                  | 27         | C*07:66, 07:665                                       | 90         |
| C*04:16, 04:256                                  | 11         | C*07:130, 07:611                                      | 31         |
| C*04:23, 04:31, 04:277                           | 88         | C*07:140-07:141:02, 07:304,<br>07:512, 07:514, 07:671 | 5          |
| C*04:40, 04:223:02                               | 31         | C*12:06,12:81   | 65         |
| C*05:06, 05:15                                   | 36         | C*12:07 ,12:46N                                       | 16         |
| C*05:10, 05:55                                   | 21         | C*16:33, 16:109                                       | 73         |
| C*05:14, 05:16, 05:19                            | 37         |   |            |

<sup>1</sup>Alleles 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>.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No comments received.



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Changes in revision R01 compared to R00:

1. Primer mixes 78 and 83 do not amplify the C\*06:16N allele. This correction has been implemented in the specificity and interpretation tables.

