*Olerup* SSP® HLA-C\*03

Product number: 101.611-12 – including *Taq* polymerase

101.611-12u – without *Taq* polymerase

Lot number: 9K3

Expiry date: 2024-03-01

Number of tests: 12

Number of wells per test: 62+1

**Changes compared to the previous HLA-C\*03 Lot (1H4):**

The HLA-C\*03 primer set is unchanged compared to the previous *Olerup* SSP® HLA-C\*03 lot **(Lot No. 1H4).**

The number of wells is unchanged.

Allele coverage:

C\*03:02 to C\*03:504, i.e. all the currently recognized HLA-C\*03 alleles, will be amplified by the primers in the HLA-C\*03 subtyping kit1,2; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2019-October-17, release 3.38.0.

The HLA-C\*03 kit enables separation of the confirmed HLA-C\*03 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\*03 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-C\*03 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

|  |  |  |  |
| --- | --- | --- | --- |
| Alleles | Primer mix | Alleles | Primer mix |
| C\*03:04:19, 03:265N | 12 | C\*03:44, 03:123, 03:209 | 31 |
| C\*03:06:01-03:06:02, 03:287:01-03:287:02 | 6 | C\*03:49, 03:103 | 23 |
| C\*03:23, 03:263:01-03:263:02 | 18 | C\*03:50, 03:122 | 36 |
| C\*03:24, 03:236 | 19 | C\*03:62, 03:346 | 33 |
| C\*03:28, 03:90 | 23 | C\*03:68, 03:205 | 41 |
| C\*03:31, 03:414 | 7, 11 | C\*03:72, 03:219 | 36 |
| C\*03:37:01-03:37:02, 03:208N | 27 | C\*03:91:01, 03:465 | 44 |

**1**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>.

**2**The following alleles give rise to identical amplification patterns with the HLA-C\*03 subtyping kit. These alleles can be distinguished by the HLA-C low resolution kit and/or the HLA-C\*15 subtyping kits.

|  |
| --- |
| Alleles |
| C\*03:135, 03:154, 03:260, 03:286, 03:326, 03:412, 03:435, 03:464, 03:493, 15:43 |

Resolution in HLA-C\*03 homo- and heterozygotes:

Good.

Influence on the interpretation of HLA-C\*03 subtypings by non-HLA-C\*03 alleles:

None frequently occurring.

Modifications made due to comments from customers:

No comments received.