

## Olerup SSP<sup>®</sup> HLA-C\*02

Product number:	101.622-12 – including <i>Taq</i> polymerase 101.622-12u – without <i>Taq</i> polymerase
Lot number:	5N0
Expiry date:	2025-10-01
Number of tests:	12
Number of wells per test:	44+1

### CHANGES COMPARED TO THE PREVIOUS HLA-C\*02 LOT (5K6):

Well	5'-primer	3'-primer	rationale
32	Added	-	5'-primer added for the C*02:38:02N allele.
38	-	Added	3'-primer added for the C*02:48 allele.
40	-	Added	3'-primer added for the C*02:48 allele.
44	Added	Added	New primer pair for the C*02:43:02 allele, negative control moved to well 45.
45	-	-	Negative control primer pair from well 44.

THE NUMBER OF WELLS is changed from 44 to 45 wells.

### ALLELE COVERAGE:

C\*02:02 to C\*02:206, i.e. all the currently recognized HLA-C\*02 alleles, will be amplified by the primers in the HLA-C\*02 SSP kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2021-July-12, release 3.45.0.

The HLA-C\*02 kit enables separation of the confirmed HLA-C\*02 alleles as listed in the IMGT/HLA database 3.24.0. 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\*02 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-C\*02 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*02:05:02-02:05:03, 02:22	5	C*02:35, 02:69, 02:70, 02:120	23
C*02:15, 02:21	15	C*02:37, 02:52N	28
C*02:25Q, 02:30	21		

<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>.

<sup>2</sup>The HLA-C\*02 primer set cannot separate the following alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or the HLA-C\*16 high resolution kit.

### Alleles

C\*02:197, C\*16:121



**HLA-C\*02**

**Release Note**

**Page 2 of 2**

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**101.622-12u – without *Taq* polymerase**

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**RESOLUTION IN HLA-C\*02 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-C\*02 SUBTYPINGS BY NON-HLA-C\*02 ALLELES:**

None frequently occurring.

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

No comments received.

