•LERUP SSP°

HLA-C*02 Release Note Page 1 of 2

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

Lot No.: **5N0**

Olerup SSP® HLA-C*02

Product number: 101.622-12 – including *Taq* polymerase

101.622-12u – without *Taq* 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^{1,2}; 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.

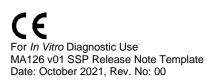
The following HLA-C*02 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

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		

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.

Alleles

C*02:197, C*16:121



²The 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.

●LERUP SSP°

HLA-C*02 Release Note Page 2 of 2

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

Lot No.: **5N0**

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.