

101.622-12 – including *Taq* polymerase

101.622-12u – without *Taq* polymerase

Lot No.: 5K6

Olerup SSP® HLA-C*02

Product number: 101.622-12 – including *Taq* polymerase
101.622-12u – without *Taq* polymerase

Lot number: 5K6

Expiry date: 2024-04-01

Number of tests: 12

Number of wells per test: 43+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*02 LOT (6H0):

Well	5'-primer	3'-primer	rationale
10	-	-	Positive control primer pair exchanged for improving HLA-specific amplification.
20	Exchanged	-	5'-primer exchanged for improving HLA-specific amplification.
29	-	Exchanged	3'-primer exchanged for improving HLA-specific amplification.
37	-	-	Positive control primer pair exchanged for improving HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*02:02 to C*02:186, 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, 2019-October-17, release 3.38.0.

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>.

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*06 high resolution kit.

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Alleles

*02:10:01:01-02:10:05, 02:10:07, 02:38:02N,
02:89, 02:133, 02:143, 02:161, 02:168-
02:169N, 02:174, 02:176, 02:181-02:182, 06:18

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.