

101.621-12 – including Taq polymerase

101.621-12u – without Taq polymerase

Lot No.: 4G0

Olerup SSP® HLA-C*01

Product number:	101.621-12 – including Taq polymerase 101.621-12u – without Taq polymerase
Lot number:	4G0
Expiry date:	2022-05-01
Number of tests:	12
Number of wells per test:	31+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*01 LOT (2E2):

Well	5'-primer	3'-primer	rationale
8	-	Added	3'-primer added for the C*01:143N allele.
11	Added	-	5'-primer added for the C*01:137N allele.
18	Added	-	5'-primer added for the C*01:145N allele.
22	Added	-	5'-primer added for the C*01:120 allele.
24	-	Added	3'-primer added for the C*01:143N allele.
28	Added	-	5'-primer added for the C*01:145N allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*01:02 to C*01:148 i.e. all the currently recognized HLA-C*01 alleles, will be amplified by the primers in the HLA-C*01 SSP kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2018-January-19¹, release 3.31.0.

The following HLA-C*01 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*01:06, 01:38	5	C*01:29, 01:33	21
C*01:10, 01:52	9	C*01:31, 01:44	23
C*01:17, 01:41, 01:128	14	C*01:32:01-01:32:02, 01:40	22
C*01:18, 01:42	15	C*01:39, 01:137N	11
C*01:19, 01:43, 01:58	16	C*01:70, 01:99	25
C*01:27, 01:45	19	C*01:89N, 01:109N	29
C*01:28, 01:56N	20	C*01:93, 01:121Q	30

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*01 primer set cannot separate the C*01:21 from the C*12:215 allele. These alleles can be distinguished by the HLA-C low resolution kit and/or by the HLA-C*12 high resolution kit. The HLA-C*01 primer set cannot separate the C*01:123 and the C*01:125 from the C*03:86, 03:94 and 03:99:01-01:99:02 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or by the HLA-C*03 high resolution kit.

HLA-C*01

Release Note

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RESOLUTION IN HLA-C*01 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*01 SUBTYPINGS BY NON-HLA-C*01

ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.

Changes in revision R01 compared to R00:

1. The expiration date has been altered due to extension of shelf-life.