

101.621-12 – including *Taq* polymerase

101.621-12u – without *Taq* polymerase

Lot No.: **40V**

Olerup SSP® HLA-C*01

Product number: 101.621-12 – including *Taq* polymerase
101.621-12u – without *Taq* polymerase
Lot number: 40V
Expiry date: 2016-October-01
Number of tests: 12
Number of wells per test: 23+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*01 LOT (76S):

Well	5'-primer	3'-primer	rationale
4	Added	Added	Primer pair added for the C*01:82 allele.
6	Added	Added	Primer pair added for the C*01:83 allele.
8	-	-	Exchanged positive control primer pair.
9	Added	Added	Primer pair added for the C*01:83 allele.
10	-	Added	3'-primer added from well 22.
12	Added	Added	Primer pair added for the C*01:84 allele.
17	Added	-	5'-primer added for the C*01:82 allele.
19	-	Added	3'-primer added from well 22, exchanged positive control primer pair.
20	Added	Added	Primer pair added for the C*01:84 allele.
21	-	Added	3'-primer added for the C*01:80 allele.
22	Added, moved	Added, moved	Primer pairs added from well 24, primer pairs moved to wells 10 and 19
24	-	-	Negative Control.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*01:02 to C*01:84 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, 2013-October-11¹, release 3.14.0.

The HLA-C*01 primer set cannot distinguish the following silent mutations: the C*01:02:01-01:02:23 or the C*01:79:01-01:79:02 alleles.

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*01:27, 01:45	19
C*01:10, 01:52	9	C*01:28, 01:56N	20
C*01:17, 01:41	14	C*01:29, 01:33	21
C*01:18, 01:42	15	C*01:31, 01:44	23
C*01:19, C*01:43, 01:58	16	C*01:32, 01:40	22
C*01:25, 01:59	17		

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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>.

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.