

Lot No.: **09L**

Olerup SSP[®] HLA-C*01

Product number: 101.621-12 – including *Taq* polymerase
101.621-12u – without *Taq* polymerase
Lot number: 09L
Expiry date: 2013-August-01
Number of tests: 12
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-C*01 LOT (03H):

Well	5'-primer	3'-primer	rationale
4	Modified	-	Exchanged positive control primer pair, improved specificity of amplification.
5	-	Added	Primer added for the C*01:38 allele.
6	Added	-	Primer added for the C*01:37N allele.
11	Added	Added	Primer pair added for the C*01:39 allele.
14	-	Added	Primer added for the C*01:41 allele.
15	-	Added	Primer added for the C*01:42 allele.
16	-	Added	Primer added for the C*01:43 allele.
18	Modified, added	-	Improved specificity, primer added for the C*01:36 allele.
19	-	Added	Primer added for the C*01:45 allele.
23	Added	Added	Primer pair added for the C*01:44 allele.
24	Added	Added	Primer pair added for the C*01:40 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*01:02 to C*01:45 i.e. all the currently recognized HLA-C*01 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2010-October-15, release 3.2.0.

¹The C*01:06 and 01:38 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 5.

The C*01:17 and 01:41 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 14.

The C*01:18 and 01:42 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 15.

The C*01:19 and 01:43 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 16.

The C*01:27 and 01:45 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 19.

The C*01:29 and 01:33 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 21.

The C*01:31 and 01:44 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 23.

The C*01:32 and 01:40 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 24.

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Release Note

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

The C*01:02,01:02 genotype give rise to a unique amplification pattern.

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.