

Lot No.: 11L

Olerup SSP® HLA-C*12

Product number: 101.624-12 – including *Taq* polymerase
101.624-12u – without *Taq* polymerase
Lot number: 11L
Expiry date: 2013-August-01
Number of tests: 12
Number of wells per test: 32

CHANGES COMPARED TO THE PREVIOUS HLA-C*12 LOT (75G):

Well	5'-primer	3'-primer	rationale
1	Modified	-	Modified 5'-primer for increased yield of specific PCR product.
6	Added	-	Primer added for the C*12:48 allele.
8	-	Added	Primer added for the C*12:40 allele.
13	Added	Added	Primer pair added for the C*12:31 allele.
18	-	Added	Primer added for the C*12:35 allele.
20	-	Added	Primer added for the C*12:46N allele.
22	-	-	Exchanged positive control primer pair.
24	Added	Added	Primer pair added for the C*12:43 allele.
25	New	New	New primer pairs for the C*12:02:06 and C*12:39N alleles.
26	New	New	New primer pair for the C*12:44 allele.
27	New	New	New primer pairs for the C*12:30 and C*12:36 alleles.
28	New	New	New primer pairs for the C*12:45 and C*12:50 alleles.
29	New	New	New primer pairs for the C*12:29, C*12:38 and C*12:42Q alleles.
30	New	New	New primer pairs for the C*12:32 and C*12:34 alleles.
31	New	New	New primer pairs for the C*12:42Q and C*12:47 alleles.
32	New	New	New primer pair for the C*12:37 allele.

THE NUMBER OF WELLS is increased from 24 to 32.

ALLELE COVERAGE:

C*12:02 to C*12:50, i.e. all the currently recognized HLA-C*12 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2010-October-15, release 3.2.0.

¹The C*12:06 and 12:48 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 6.
The C*12:29 and 12:38 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 29.

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The C*12:30 and 12:36 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 27.

The C*12:32 and 12:34 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 30.

The C*12:45 and 12:50 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 28.

The HLA-C*12 primer set cannot separate the C*12:09 and C*05:16 alleles, the C*12:16 and C*01:21 alleles or the C*12:33 and the C*02:05 and C*02:17 alleles. These alleles can be distinguished by the HLA-C low resolution kit and the HLA-C*01, HLA-C*02 or HLA-C*05 kit, respectively.

RESOLUTION IN HLA-C*12 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*12 SUBTYPINGS BY NON-HLA-C*12 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.