

Olerup SSP[®] HLA-C*05

Product number: 101.613-12 – including *Taq* polymerase
101.613-12u – without *Taq* polymerase
Lot number: 57K
Expiry date: 2013-April-01
Number of tests: 12
Number of wells per test: 30

CHANGES COMPARED TO THE PREVIOUS HLA-C*05 LOT (94F):

Well	5'-primer	3'-primer	rationale
3	-	Added	New primer for the C*05:44 allele.
5	Added	-	New primer for the C*05:31 allele.
10	Added	Added	New primer pair for the C*05:30 allele.
11	-	Added	New primer for the C*05:33 allele.
12	Added	-	New primer for the C*05:38 allele.
15	Added	Added	New primer pair for the C*05:34 allele.
20	Added	Added	New primer pair for the C*05:26 allele.
23	-	Added	New primer for the C*05:36 allele.
24	New	New	New primer pairs for the C*05:29 and C*05:43 alleles.
25	New	New	New primer pairs for the C*05:35 and C*05:40 alleles.
26	New	New	New primer pairs for the C*05:27, C*05:39 and C*05:28 alleles.
27	New	New	New primer pair for the C*05:42 allele.
28	New	New	New primer pair for the C*05:45 allele.
29	New	New	New primer pairs for the C*05:34, C*05:37 and C*05:41 alleles.
30	New	New	New primer pair for the C*05:32 allele.

THE NUMBER OF WELLS has been increased from 23 to 30.

ALLELE COVERAGE:

C*05:01 to C*05:45, i.e. all the currently recognized HLA-C*05 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2010-July-16, release 3.1.0.

¹The C*05:18 and C*08:10 and the C*05:29 and C*08:25 alleles will give rise to identical amplification patterns with the HLA-C*05 subtyping kit. These alleles can be distinguished by the HLA-C low resolution kit and/or the C*08 subtyping kit.

The C*05:08 and C*05:30 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 10.

The C*05:10 and C*05:38 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 12.

The C*05:21 and C*05:26 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 20.

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The C*05:24 and C*05:36 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 23.

The C*05:25 and C*05:33 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 11.

The C*05:28 and C*05:39 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 26.

The C*05:35 and C*05:40 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 25.

The C*05:37 and C*05:41 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 29.

RESOLUTION IN HLA-C*05 HOMO- AND HETEROZYGOTES:

The C*05:01,05:01 genotype gives rise to a unique amplification pattern.

INFLUENCE ON THE INTERPRETATION OF HLA-C*05 SUBTYPINGS BY NON-HLA-C*05 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.