

Lot No.: **85K**

## Olerup SSP<sup>®</sup> HLA-C\*03

**Product number:** 101.611-12 – including *Taq* polymerase  
101.611-12u – without *Taq* polymerase  
**Lot number:** 85K  
**Expiry date:** 2013-July-01  
**Number of tests:** 12  
**Number of wells per test:** 48

### CHANGES COMPARED TO THE PREVIOUS HLA-C\*03 LOT (54G):

Well	5'-primer	3'-primer	rationale
11	Added	Added	Primer pair added for the C*03:87 allele.
15	Modified	-	Increased yield of specific PCR product, decreased primer dimer formation.
17	Added	Modified, added	Increased yield of specific PCR product, primer pair added for the C*03:101 allele.
18	Added	-	Primers added for the C*03:83 and 03:102 alleles.
20	Modified	-	Increased specificity of primer pair.
21	Added	-	Primer added for the C*03:88 allele.
23	-	Added	Primer added for the C*03:90 allele.
24	-	Added	Primer added for the C*03:79 allele.
29	-	Added	Primers added for the C*03:96 and C*03:98 alleles.
30	-	Added	Primer added for the C*03:96 allele.
32	-	Added	Primer added for the C*03:84 allele.
34	-	Added	Primer added for the C*03:98 allele.
35	-	Added	Primers added for the C*03:79, C*03:82 and C*03:85 alleles.
38	-	Added	Primer added for the C*03:95 allele.
39	Added	Added	Primer pair added for the C*03:77 allele.
40	Added	Added, modified	Primer pair added for the C*03:80 allele, increased specificity of primer pair.
41	Added	Added	Primer pair added for the C*03:100 allele.
42	Added	Added	Primer pair added for the C*03:78 allele.
43	Added	Added	Exchanged positive control primer pair, primer pairs added for the C*03:81 and C*03:97 alleles.
44	Modified	Added	Primer added for the C*03:91 allele, increased specificity of primer pair.
45	Added	Added	Primer pair added for the C*03:93 allele.
46	New	New	New primer pairs for the C*03:86, C*03:94 and C*03:99 alleles.
47	New	New	New primer pair for the C*03:92 allele.
48	New	New	New primer pair for the C*03:99 allele.

**THE NUMBER OF WELLS** has been increased from 45 to 48.

**ALLELE COVERAGE:**

C\*03:02 to C\*03:102, i.e. all the currently recognized HLA-C\*03 alleles, give rise to unique amplification patterns<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2010-October-15, release 3.2.0.

<sup>1</sup>The C\*03:28 and 03:90 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 23.

The C\*03:56 and 03:85 alleles and the C\*03:64 and 03:82 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 35.

The C\*03:70 and 03:78 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 42.

**RESOLUTION IN HLA-C\*03 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-C\*03 SUBTYPINGS BY NON-HLA-C\*03 ALLELES:**

None frequently occurring.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No comments received.