

## Olerup SSP® HLA-C\*03

**Product number:** 101.611-12 – including *Taq* polymerase  
101.611-12u – without *Taq* polymerase  
**Lot number:** 57N  
**Expiry date:** 2014-September-01  
**Number of tests:** 12  
**Number of wells per test:** 48

### CHANGES COMPARED TO THE PREVIOUS HLA-C\*03 LOT (85K):

Well	5'-primer	3'-primer	rationale
12	Added	Added	Primer pair added for the C*03:113 allele.
21	Added	-	5'-primer moved from well 22.
22	Moved	Moved	Primer pair moved to wells 21 and 47, for decreased tendencies of primer oligomer formation.
23	Added	-	5'-primer added for the C*03:22Q allele.
24	-	Added	3'-primers added for the C*03:120 and C*03:121N alleles.
32	Modified	-	Improved specificity of primer pair.
36	Added	-	5'-primer added for the C*03:122 allele.
44	-	Added	3'-primer added for the C*03:120 allele.
47	Added	-	5'-primer moved from well 22, 5'-primer added for the C*03:109 allele.

**THE NUMBER OF WELLS** is unchanged.

#### ALLELE COVERAGE:

C\*03:02 to C\*03:139, i.e. all the currently recognized HLA-C\*03 alleles, will be amplified by the primers in the HLA-C\*03 subtyping kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2012-January-12, release 3.7.0.

The HLA-C\*03 kit enables separation of the confirmed HLA- C\*03 alleles as listed in the IMGT/HLA database. An HLA allele is listed as confirmed by IMGT/HLA if it has been sequenced by more than a single laboratory or from multiple sources.

The HLA-C\*03 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

<sup>1</sup>The C\*03:28 and 03:90 alleles and the C\*03:49 and 03:103 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 23.  
The C\*03:44 and 03:123 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 31.

**101.611-12 – including *Taq* polymerase****101.611-12u – without *Taq* polymerase****Lot No.: 57N**

The C\*03:50 and 03:122 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 36.

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.

<sup>2</sup>The C\*03:135 and C\*15:43 give rise to identical amplification patterns with the HLA-C\*03 subtyping kit. These two alleles can be distinguished by the HLA-C low resolution kit and/or the HLA-C\*15 subtyping kits.

**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.