

Lot No.: **94R**

Olerup SSP® HLA-C*03

Product number: 101.611-12 – including *Taq* polymerase
101.611-12u – without *Taq* polymerase
Lot number: 94R
Expiry date: 2015-September-01
Number of tests: 12
Number of wells per test: 48

CHANGES COMPARED TO THE PREVIOUS HLA-C*03 LOT (57N):

Well	5'-primer	3'-primer	rationale
8	Added	-	5'-primer added for the C*03:116:02 allele.
14	Added	Added	Primer pair added for the C*03:04:26 allele.
20	Added	-	5'-primer added for the C*03:155 allele.
25	Added	Added	Primer pair added for the C*03:171 allele.
41	-	Added	3'-primer added for the C*03:146 allele.
46	Added	Added	Primer pair added for the C*03:155 allele

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*03:02 to C*03:175, i.e. all the currently recognized HLA-C*03 alleles, will be amplified by the primers in the HLA-C*03 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2012-October-14, release 3.10.0.

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.

¹The 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.

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*03:64:01 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.

²The C*03:135, C*03:154, 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.

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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.