

Olerup SSP[®] HLA-C*16

Product number: 101.627-12 – including *Taq* polymerase
101.627-12u – without *Taq* polymerase
Lot number: 23R
Expiry date: 2015-March-01
Number of tests: 12
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-C*16 LOT (18M):

Well	5'-primer	3'-primer	rationale
2	Exchanged	-	Exchanged 5'-primer for improved allelic resolution.
6	Added	-	5'-primer added for the C*16:39 allele.
8	-	Added	3'-primer added for the C*16:38 allele.
9	Added	Added	Primer pairs added for the C*16:35 and 16:52 alleles.
12	-	Modified	3'-primer modified for improved specificity.
15	Added	-	5'-primer added for the C*16:39 allele.
18	-	Added	3'-primer added for the C*16:38 allele.
23	-	Modified, added	3'-primer modified for improved specificity, 3'-primer added for the C*16:42 allele.
24	New	New	New primer pairs for the C*16:40 and 16:49 alleles.

THE NUMBER OF WELLS has been increased from 23 to 24.

ALLELE COVERAGE:

C*16:01 to C*16:52 i.e. all the currently recognized HLA-C*16 alleles, will be amplified by the primers in the HLA-C*16 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2012-July-12, release 3.9.0.

The HLA-C*16 kit enables separation of the confirmed HLA-C*16 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*16 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles

The HLA-C*16 subtyping kit cannot distinguish the following silent mutations: the C*16:01:01 and 16:01:03-16:01:10 alleles, the C*16:02:01-16:02:09 alleles or the C*16:15:01-16:15:02 alleles.

¹The C*16:15:01-16:15:02 and C*16:20 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 11.

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The C*16:16Q and C*16:17 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 12.

The C*16:27 and C*16:32 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 20.

The C*16:28 and the C*16:31 and 16:50 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 19.

RESOLUTION IN HLA-C*16 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*16 SUBTYPINGS BY NON-HLA-C*16 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.