

Lot No.: **68S**

Olerup SSP[®] HLA-C*16

Product number: 101.627-12 – including *Taq* polymerase
101.627-12u – without *Taq* polymerase
Lot number: 68S
Expiry date: 2016-February-01
Number of tests: 12
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-C*16 LOT (23R):

Well	5'-primer	3'-primer	rationale
6	-	-	Exchanged positive control primer pair to decrease primer oligomer formation.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*16:01 to C*16:57 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, 2013-April-17, release 3.12.0.

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 16:01:03-16:01:13 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.

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.

The C*16:30N and the C*16:56 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 23.

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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.