Olerup SSP® HLA-C*14

Product number:	**101.625-06 – including *Taq* polymerase** **101.625-06u – without *Taq* polymerase**
Lot number:	**12S**
Expiry date:	**2015-October-01**
Number of tests:	**6**
Number of wells per test:	**24**

CHANGES COMPARED TO THE PREVIOUS HLA-C*14 LOT (54N):

Well	5'-primer	3'-primer	rationale
10	-	Added	3'-primer added for the C*14:47N allele.
17	-	Added	3'-primer added for the C*14:47N allele.
22	Added	-	5'-primer added for the C*14:24:02 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
C*14:02 to C*14:49, i.e. all the currently recognized HLA-C*14 alleles, will be amplified by the primers in the HLA-C*14 kit[1]; www.ebi.ac.uk/imgt/hla, 2013-January-12, release 3.11.0.
The HLA-C*14 kit enables separation of the confirmed HLA-C*14 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*14 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles

[1]The C*14:18 and 14:29 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 19.
The C*14:24:01-14:24:02 and 14:31 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 22.

The HLA-C*14 subtyping kit cannot distinguish the following silent mutations: the C*14:02:01 and 14:02:04-14:02:11 alleles.

RESOLUTION IN HLA-C*14 HOMO- AND HETEROZYGOTES:
Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*14 SUBTYPINGS BY NON-HLA-C*14 ALLELES:
None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:
No comments received.