OLERUPSSP®

HLA-C*14   **Release Note**   **Page 1 of 2**
101.625-06 – including *Taq* **polymerase**
101.625-06u – without *Taq* **polymerase**
Lot No.: 19X

Olerup SSP® HLA-C*14

Product number:	**101.625-06 – including** *Taq* **polymerase**
	101.625-06u – without *Taq* **polymerase**
Lot number:	**19X**
Expiry date:	**2017-March-01**
Number of tests:	**6**
Number of wells per test:	**28+1**

CHANGES COMPARED TO THE PREVIOUS HLA-C*14 LOT (12S):

Well	5'-primer	3'-primer	rationale
18	-	Added	3'-primer added for the C*14:48 allele.
19	-	Added	3'-primer added for the C*14:48 allele.
24	-	Added	3'-primer added for the C*14:41 allele.
25	New	New	New primer pairs for the C*14:44 and C14:55 alleles.
26	New	New	New primer pair for the C*14:57 allele.
27	New	New	New primer pair for the C*14:43 allele.
28	New	New	New primer pair for the C*14:60 allele.
29	-	-	Negative Control.

THE NUMBER OF WELLS is increased from 24 to 29 wells.

ALLELE COVERAGE:
C*14:02 to C*14:65, 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, 2014-April-14, release 3.16.0.

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.

The following HLA-C*14 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
C*14:18, 14:29	19
C*14:24:01-14:24:02, 14:31	22
C*14:44, 14:55	25

The HLA-C*14 subtyping kit cannot distinguish the following silent mutations: the C*14:02:01 and 14:02:04-14:02:16 alleles or the C*14:24:01-14:24:02 alleles.

[1]Alleles that have been deleted from or renamed in the official WHO HLA Nomenclature up to and including the last IMGT/HLA database release can be retrieved from web page http://hla.alleles.org/alleles/deleted.html.

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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.