Olerup SSP® HLA-C*08

Product number:	**101.623-12 – including *Taq* polymerase** **101.623-12u – without *Taq* polymerase**
Lot number:	**72V**
Expiry date:	**2016-November-01**
Number of tests:	**12**
Number of wells per test:	**31+1**

CHANGES COMPARED TO THE PREVIOUS HLA-C*08 LOT (13S):

Well	5'-primer	3'-primer	rationale
6	Added	Added	Primer pair added for the C*08:102 allele.
7	Added	Added	Primer pair added for the C*08:87 allele.
9	Added	-	5'-primers added for the C*08:75 and C*08:88N alleles.
11	Added	Added	Primer pair added for the C*08:86 alleles.
15	-	Modified	3'-primer modified for improved HLA-specific amplification.
20	-	Added	3'-primer added from well 27.
23	Added	Added	Primer pairs added for the C*08:70Q and C*08:78 alleles.
24	Added	-	5'-primers added for the C*08:83 and C*08:89N alleles.
27	Moved, added	Moved, added	Primer pair moved to well 20, primer pairs added from well 32.
28	Added	Added	Primer pair added for the C*08:53 alleles.
30	Added	-	5'-primer added for the C*08:99 allele.
32	Moved	Moved	Primer pairs moved to well 27, Negative Control.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
C*08:01 to C*08:102, i.e. all the currently recognized HLA-C*08 alleles, will be amplified by the primers in the HLA-C*08 SSP kit[1,2]; www.ebi.ac.uk/imgt/hla, 2014-January-17, release 3.15.0.

The HLA-C*08 kit enables separation of the confirmed HLA-C*08 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*08 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*08 primer set cannot distinguish the following silent mutations: the C*08:01:01-08:01:06 and C*08:01:08-08:01:13 alleles, the C*08:02:01-08:02:05 and

C*08:02:08-08:02:10 alleles, the 08:03:01-08:03:03 alleles, the C*08:04:01-08:04:03 alleles, the C*08:08:01-08:08:02 alleles, the 08:15:01-08:15:02 alleles, the C*08:16:01-08:16:02 alleles or the C*08:72:01-08:72:02 alleles.

The following HLA-C*08 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*08:01:07, 08:44	28	C*08:30, 08:32	19
C*08:20, 08:99	30	C*08:36N, 08:78	23
C*08:22, 08:80	16	C*08:55N, 05:64:02	27
C*08:24, 08:88N	9		

[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.
[2]The HLA-C*08 primer set cannot separate the 08:15:01-08:15:02 and 08:51 alleles from the C*07:148 and 07:161. These alleles can be distinguished by the HLA-C low resolution kit and/or the HLA-C*07 high resolution kit.
The HLA-C*08 primer set cannot separate the C*08:55N from the C*05:92N allele. These alleles can be distinguished by the HLA-C low resolution kit.
The HLA-C*08 primer set cannot separate the C*08:94 from the C*05:29:01-05:29:02 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or the HLA-C*05 high resolution kit.

RESOLUTION IN HLA-C*08 HOMO- AND HETEROZYGOTES:
Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*08 SUBTYPINGS BY NON-HLA-C*08 ALLELES:
None frequently occurring.

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