

101.623-12 – including *Taq* polymerase

101.623-12u – without *Taq* polymerase

Lot No.: **61Y**

## Olerup SSP® HLA-C\*08

**Product number:** 101.623-12 – including *Taq* polymerase  
101.623-12u – without *Taq* polymerase

**Lot number:** 61Y

**Expiry date:** 2018-February-01

**Number of tests:** 12

**Number of wells per test:** 31+1

### CHANGES COMPARED TO THE PREVIOUS HLA-C\*08 LOT (72V):

Well	5'-primer	3'-primer	rationale
5	-	Added	3'-primers added for the C*08:73 allele.
6	Added	Added	Primer pair added from well 16.
7	-	Added	3'-primer added for the C*08:115 allele.
8	Moved, added	-	5'-primers moved to wells 11, 25 and 28, 5'-primer added for the C*08:112 allele.
11	Added	-	5'-primer added from well 8.
14	Added	-	5'-primers added for the C*08:90 and C*08:95 alleles.
16	Moved	Moved, modified	Primer pairs moved to wells 6 and 26, 3'-primer modified for increased yield, strength of control primer pairs has been optimized.
18	Added	-	5'-primers added for the C*08:92 alleles.
23	Added	-	5'-primers added for the C*08:69, C*08:92, C*08:95 and C*08:74 alleles.
24	Added	-	5'-primers added for the C*08:74 alleles.
25	Added	-	5'-primer added from well 8.
26	Added	Added	Primer pair added from well 16, 3'-primer added for the C*08:107 allele.
28	Added	-	5'-primer added from well 8.
30	Added	-	5'-primer added for the C*08:110 allele.
32	-	-	Updated negative control.

**THE NUMBER OF WELLS** is unchanged.

#### ALLELE COVERAGE:

C\*08:01 to C\*08:119, i.e. all the currently recognized HLA-C\*08 alleles, will be amplified by the primers in the HLA-C\*08 SSP kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2015-April-17, release 3.20.0.

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.

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The HLA-C\*08 primer set cannot distinguish the following silent mutations: the C\*08:01:01-08:01:06 and C\*08:01:08-08:01:19 alleles, the C\*08:02:01-08:02:05 and C\*08:02:08-08:02:12 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*08:36N, 08:78	23
C*08:20, 08:99	30	C*08:55N, 05:64:02	27
C*08:24, 08:88N	9	C*08:69-08:70Q	23
C*08:30, 08:32	19		

<sup>1</sup>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>.

<sup>2</sup>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.