

## Olerup SSP<sup>®</sup> HLA-C\*01

**Product number:** 101.621-12 – including *Taq* polymerase  
101.621-12u – without *Taq* polymerase  
**Lot number:** 75N  
**Expiry date:** 2014-November-01  
**Number of tests:** 12  
**Number of wells per test:** 24

### CHANGES COMPARED TO THE PREVIOUS HLA-C\*01 LOT (09L):

Well	5'-primer	3'-primer	rationale
5	Modified	-	Increased yield of HLA-specific PCR product.
8	Modified	-	Increased yield of HLA-specific PCR product.
9	-	Added	Primer added for the C*01:52 allele.
10	Modified	-	Increased yield of HLA-specific PCR product.
17	Added	Added	Primer pair added for the C*01:59 allele.
20	Added	Added	Primer pair added for the C*01:56N allele.
22	Modified	-	Increased yield of HLA-specific PCR product.
23	-	Added	Primer added for the C*01:54 allele.
24	Added	-	Primer pair added for the C*01:50 allele.

**THE NUMBER OF WELLS** is unchanged.

### ALLELE COVERAGE:

C\*01:02 to C\*01:66 i.e. all the currently recognized HLA-C\*01 alleles, will be amplified by the primers in the HLA-C\*01 SSP kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2012-April-12, release 3.8.0.

The HLA-C\*01 primer set cannot distinguish the following silent mutations: the C\*01:02:01-01:02:15 alleles.

<sup>1</sup>The C\*01:06 and 01:38 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 5.

The C\*01:10 and 01:52 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 9.

The C\*01:17 and 01:41 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 14.

The C\*01:18 and 01:42 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 15.

The C\*01:19, 01:43 and 01:58 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 16.

The C\*01:25 and 01:59 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 17.

The C\*01:27 and 01:45 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 19.

The C\*01:28 and 01:56N alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 20.

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The C\*01:29 and 01:33 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 21.

The C\*01:31 and 01:44 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 23.

The C\*01:32 and 01:40 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 24.

<sup>2</sup>The HLA-C\*01 primer set cannot separate the C\*01:49 and B\*54:18 alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B\*54 high resolution kit.

**RESOLUTION IN HLA-C\*01 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-C\*01 SUBTYPINGS BY NON-HLA-C\*01 ALLELES:**

None of importance.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No comments received.