

Lot No.: **01M**

## Olerup SSP<sup>®</sup> HLA-C\*02

**Product number:** 101.622-12 – including *Taq* polymerase  
101.622-12u – without *Taq* polymerase  
**Lot number:** 01M  
**Expiry date:** 2013-October-01  
**Number of tests:** 12  
**Number of wells per test:** 31

### CHANGES COMPARED TO THE PREVIOUS HLA-C\*02 LOT (02K):

Well	5'-primer	3'-primer	rationale
6	Moved, added	Added	Primer pair to well 25, primer added for the C*02:46 allele.
14	-	Added	Primer added for the C*02:43 allele.
17	-	Added	Primer added for the C*02:43 allele.
25	New, added	New, added	Primer pair from well 6, for improved allelic resolution.
26	New	New	New primer pairs for the C*02:39 and C*02:40 alleles.
27	New	New	New primer pairs for the C*02:44 and C*02:45 alleles.
28	New	New	New primer pairs for the C*02:37 and C*02:46 alleles.
29	New	New	New primer pair for the C*02:112 allele.
30	New	New	New primer pair for the C*02:38Q allele.
31	New	New	New primer pairs for the C*02:42 allele.

**THE NUMBER OF WELLS** has been increased from 24 to 31.

#### ALLELE COVERAGE:

C\*02:02 to C\*02:47, i.e. all the currently recognized HLA-C\*02 alleles, give rise to unique amplification patterns<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2011-January-14, release 3.3.0.

<sup>1</sup>The HLA-C\*02 subtyping kit cannot distinguish the C\*02:02:01-02:02:03, 02:02:06-02:02:12 and 02:02:15-02:02:17 alleles, the \*02:02:05 and 02:02:14 alleles or the C\*02:26:01 and C\*02:26:02 alleles.

The C\*02:15 and 02:21 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 15.

The C\* 02:25Q and 02:30 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 21.

#### RESOLUTION IN HLA-C\*02 HOMO- AND HETEROZYGOTES:

The C\*02:02,02:02 and C\*02:02,02:10 genotypes give rise to identical amplification patterns.

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**INFLUENCE ON THE INTERPRETATION OF HLA-C\*02 SUBTYPINGS BY NON-HLA-C\*02 ALLELES:**

None frequently occurring.

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

No comments received.