

101.626-12 – including Taq polymerase

101.626-12u – without Taq polymerase

Lot No.: **6G9**

## Olerup SSP® HLA-C\*15

**Product number:** 101.626-12 – including Taq polymerase  
 101.626-12u – without Taq polymerase  
**Lot number:** 6G9  
**Expiry date:** 2021-03-01  
**Number of tests:** 12  
**Number of wells per test:** 41+1

### CHANGES COMPARED TO THE PREVIOUS HLA-C\*15 LOT (1F1):

Well	5'-primer	3'-primer	rationale
40	Added	Added	Negative control moved to well 42, new primer pair added for the C*15:02:01:08N allele.
41	New	New	New primer pair added for the C*15:145N allele.
42	-	-	Negative Control added from well 40.

THE NUMBER OF WELLS is increased from 40 to 42 wells.

### ALLELE COVERAGE:

C\*15:02 to C\*15:155, i.e. all the currently recognized HLA-C\*15 alleles, will be amplified by the primers in the HLA-C\*15 SSP kit <sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-April-16<sup>1,2</sup>, release 3.32.0.

The HLA-C\*15 kit enables separation of the confirmed HLA-C\*15 alleles as listed in the IMGT/HLA database 3.26.0. 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\*15 kit also enables identification of null and alternatively expressed alleles.

The following HLA-C\*15 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*15:18, 15:118, 15:138	9	C*15:35, 15:47	21
C*15:32Q, 15:41	24	C*15:44:01-15:45	20
C*15:33, 15:84Q	28	C*15:46, 15:111	19
C*15:34, 15:39, 15:130	17	C*15:81, 15:96Q	29

<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\*15 primer set cannot separate the C\*15:04:01-15:04:03 and the C\*16:70 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or HLA-C\*16 high resolution kit.

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**RESOLUTION IN HLA-C\*15 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-C\*15 SUBTYPINGS BY NON-HLA-C\*15 ALLELES:**

None frequently occurring.

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

No comments received.