

101.625-06 – including *Taq* polymerase

101.625-06u – without *Taq* polymerase

Lot No.: **4N7**

## Olerup SSP<sup>®</sup> HLA-C\*14

**Product number:** 101.625-06 – including *Taq* polymerase  
101.625-06u – without *Taq* polymerase  
**Lot number:** 4N7  
**Expiry date:** 2025-09-01  
**Number of tests:** 6  
**Number of wells per test:** 31+1

### Changes compared to the previous HLA-C Lot (4N7):

Well	5'-primer	3'-primer	rationale
10	-	Added	3'-primer added for the C*14:47:02N allele.
17	-	Added	3'-primer added for the C*14:47:02N allele.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

C\*14:02 to C\*14:128, i.e. all the currently recognized HLA-C\*14 alleles, will be amplified by the primers in the HLA-C\*14 kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2021-April-20, release 3.44.0.

The HLA-C\*14 kit enables separation of the confirmed HLA-C\*14 alleles as listed in the IMGT/HLA database 3.27.0. 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\*14 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-C\*14 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
C*14:14, 14:46:01-14:46:02	13
C*14:24:01-14:24:02, 14:31	22
C*14:44, 14:55	25
C*14:66, 14:93N	30

<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 following alleles will give rise to identical amplification patterns. These alleles can e.g. be distinguished by the HLA-C low resolution kit.

#### Alleles

C\*14:09, C\*03:557

### RESOLUTION IN HLA-C\*14 HOMO- AND HETEROZYGOATES:

Good.



**HLA-C\*14**

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**INFLUENCE ON THE INTERPRETATION OF HLA-C\*14 SUBTYPINGS BY NON-HLA-C\*14 ALLELES:**

None frequently occurring.

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

No comments received.

