

101.615-24/04 – including *Taq* polymerase  
101.615-24u/04u – without *Taq* polymerase

Lot No.: 4N5

## Olerup SSP<sup>®</sup> HLA-C\*07

**Product number:** 101.615-24/04 – including *Taq* pol.  
101.615-24u/04u – without *Taq* pol.  
**Lot number:** 4N5  
**Expiry date:** 2025-09-01  
**Number of tests:** 24 tests – Product No. 101.615-24/24u  
4 tests – Product No. 101.615-04/04u  
**Number of wells per test:** 95+1

### CHANGES COMPARED TO THE PREVIOUS HLA-C\*07 LOT (7L4):

Well	5'-primer	3'-primer	rationale
38	-	Added	3'-primer added from primer mix 80 for improving HLA-specific amplification.
61	-	Added	3'-primer added from primer mix 80 for improving HLA-specific amplification.
75	-	Added	3'-primer added from primer mix 80 for improving HLA-specific amplification.
80	-	Removed	3'-primers removed for improving HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

C\*07:01 to C\*07:944, i.e. all the currently recognized HLA-C\*07 alleles, will be amplified by the primers in the HLA-C\*07 SSP 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\*07 kit enables separation of the confirmed HLA-C\*07 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\*07 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-C\*07 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*07:29:01-07:29:02, 07:347N	71	C*07:120, 07:462, 07:878	61
C*07:41, 07:447	1	C*07:128, 07:279	66
C*07:52, 07:337	18	C*07:132, 07:179	55
C*07:58, 07:713Q	86	C*07:138, 07:484N	72
C*07:74, 07:308	39	C*07:147, 07:241	60
C*07:78:01-07:78:02, 07:235Q, 07:559	40	C*07:149, 07:381	68
C*07:83, 07:649	85	C*07:164N, 07:212	58
C*07:88, 07:474	41	C*07:165, 07:180	60
C*07:93:02, 07:207	42	C*07:186, 07:451N	58



101.615-24/04 – including *Taq* polymerase  
101.615-24u/04u – without *Taq* polymerase

Lot No.: **4N5**

C*07:99, 07:183	43	C*07:226Q, 07:573	86
C*07:100, 07:161	49	C*07:227N, 07:254	30
C*07:104N, 07:119, 07:893	92	C*07:245, 07:342:01-07:342:02	45
C*07:117, 07:126	51	C*07:252, 07:679	55
C*07:118, 07:203	52	C*07:457, 07:702N, 07:784	92

<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\* 07:292, 07:922, 07:937, C\*12:181

#### INFLUENCE ON THE INTERPRETATION OF HLA-C\*07 SUBTYPINGS BY NON-HLA-C\*07 ALLELES:

None frequently occurring.

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

No comments received.

