

HLA-C*07

101.615-24/04 – including *Taq* polymerase

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

Lot No.: **8K8**

Olerup SSP[®] HLA-C*07

Product number: 101.615-24/04 – including *Taq* pol.
101.615-24u/04u – without *Taq* pol.

Lot number: 8K8

Expiry date: 2024-06-01

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 (2H6):

Well	5'-primer	3'-primer	rationale
5	Exchanged	-	5'-primer exchanged for improved HLA-specific amplification.
14	Exchanged	Exchanged	Primer pair exchanged for improved HLA-specific amplification and improved yield.
40	-	-	Positive control primer pair exchanged for reduced tendency of primer oligomer formation.
59	-	-	Positive control primer pair exchanged for reduced tendency of primer oligomer formation.
77	-	Removed	3'-primer removed for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*07:01 to C*07:837, i.e. all the currently recognized HLA-C*07 alleles, will be amplified by the primers in the HLA-C*07 SSP kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2019-October-17, release 3.38.0.

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*07:128, 07:279	66
C*07:41, 07:447	1	C*07:132, 07:179	55
C*07:52, 07:337	18	C*07:138, 07:484N	72
C*07:58, 07:713	86	C*07:147, 07:241	60
C*07:74, 07:308	39	C*07:149, 07:381	68
C*07:78:01-07:78:02, 07:235Q, 07:559	40	C*07:164N, 07:212	58

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C*07:83, 07:649	85	C*07:165, 07:180	60
C*07:88, 07:474	41	C*07:186, 07:451N	58
C*07:93:02, 07:207	42	C*07:226, 07:573	86
C*07:99, 07:183	43	C*07:227N, 07:254	30
C*07:100, 07:161	49	C*07:245, 07:342	45
C*07:104N, 07:119	92	C*07:252, 07:679	55
C*07:117, 07:126	51	C*07:350N, 07:497	80
C*07:118, 07:203	52	C*07:457, 07:702N, 07:784	92
C*07:120, 07:462	61		

¹Alleles 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>.

²The 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, 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.