

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

Lot No.: **38R**

Olerup SSP[®] HLA-C*07

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

Lot number: 38R

Expiry date: 2015-June-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: 64

CHANGES COMPARED TO THE PREVIOUS HLA-C*07 LOT (66N):

Well	5'-primer	3'-primer	rationale
18	-	Added	3'-primer added for the C*07:243 allele.
30	Added	-	5'-primer added for the C*07:227N allele.
35	Added	Added	Primer pair added for the C*07:224 allele.
36	Added	Added	Primer pair added for the C*07:224 allele, exchanged positive control primer pair.
37	-	Added	3'-primer added for the C*07:121Q allele.
40	Added	Added	Primer pair added for the C*07:235 allele.
43	-	-	Exchanged positive control primer pair.
45	Added	Added	Primer pair added for the C*07:245 allele.
48	Added	-	3'-primer added for the C*07:122 allele.
55	Added	-	5'-primer added for the C*07:252 allele.
57	Added	Added	Primer pair added for the C*07:01:25 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*07:01 to C*07:263, i.e. all the currently recognized HLA-C*07 alleles, will be amplified by the primers in the HLA-C*18 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2012-July-12, release 3.9.0.

¹This lot of the HLA-C*07 subtyping kit cannot distinguish the C*07:137:02 and C*07:186 alleles.

The HLA-C*07 kit enables separation of the confirmed HLA-C*07 alleles as listed in the IMGT/HLA database. 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 polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

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The C*07:78 and 07:235 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 40.

The C*07:93 and 07:207 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 42.

The C*07:99 and 07:183 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 43.

The C*07:100 and 07:161 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 49.

The C*07:104N, 07:119 and 07:124 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 50.

The C*07:117 and 07:126 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 51.

The C*07:118 and 07:203 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 52.

The C*07:122 and 07:151 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 53.

The C*07:129 and 07:153 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 54.

The C*07:132 and 07:179 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 55.

The C*07:147 and 07:241 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 60.

The C*07:164N and 07:212 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 58.

The C*07:165 and 07:180 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 60.

The C*07:227N and 07:254 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 30.

The HLA-C*07 subtyping kit cannot distinguish the following silent mutations: the C*07:01:01:01-07:01:04, 07:01:06-07:01:24 and 07:01:26-07:01:27 alleles, the C 07:02:01:01-07:02:36 alleles, the C*07:04:01-07:04:08, the C*07:27:01-07:27:02, the C*07:38:01-07:38:02, the C*07:56:01-07:56:02 or the C*07:141:01-07:141:02 alleles.

RESOLUTION IN HLA-C*07 HOMO- AND HETEROZYGOTES:

Good.

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.