101.615-24/04 – including *Taq* polymerase
101.615-24u/04u – without *Taq* polymerase
Lot No.: 03V

Olerup SSP® HLA-C*07

Product number:	**101.615-24/04 – including *Taq* pol.**
	101.615-24u/04u - without *Taq* pol.
Lot number:	03V
Expiry date:	2016-May-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:	76+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*07 LOT (42S):

Well	5'-primer	3'-primer	rationale
20	Added	-	5'-primer added for the C*07:48 allele, for improved HLA-specific amplification.
39	Added	-	5'-primer added for the C*07:308 allele.
74	-	Modified	3'-primer modified for decreased tendency of primer oligomer formation.
75	New	New	New primer pair for the C*07:116 allele
76	New	New	New primer pair for the C*07:102 allele.
77	New	New	Negative Control.

THE NUMBER OF WELLS is increased from 75 to 77.

ALLELE COVERAGE:

C*07:01 to C*07:315, 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, 2013-July-25, release 3.13.1.

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.

Alleles	Primer mix
C*07:74, 07:308	39
C*07:51, 07:314	19
C*07:78, 02:235Q	40
C*07:93, 07:207	42
C*07:100, 07:161	49
C*07:104N, 07:119, 07:124	50
C*07:117, 07:126	51
C*07:118, 07:203	52
C*07:129, 07:153	54

CE

101.615-24/04 – including *Taq* **polymerase**
101.615-24u/04u – without *Taq* **polymerase**
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C*07:132, 07:179	55
C*07:147, 07:241	60
C*07:164N, 07:212	58
C*07:165, 07:180	60
C*07:227N, 07:254	30

The HLA-C*07 subtyping kit cannot distinguish the following silent mutations: the C*07:01:01:01-07:01:04, C*07:01:06-07:01:24 and 07:01:26-07:01:34 alleles, the C∗07:02:01:01-07:02:43 alleles, the C*07:04:01-07:04:08, the C*07:17:01-07:17:02, the C*07:27:01-07:27:02, the C*07:31:01-07:31:02, the C*07:38:01-07:38:02, the C*07:56:01-07:56:02, the C*07:96:01-07:96:02, the C*07:137:01-07:137:02 or the C*07:141:01-07:141:02 alleles.

[1]HLA-C alleles listed on the IMGT/HLA web page 2013-July-25, release 3.13.1, www.ebi.ac.uk/imgt/hla.
[2]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.

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.