

Olerup SSP® HLA-C*05

Product number:	101.613-12 – including <i>Taq</i> polymerase 101.613-12u – without <i>Taq</i> polymerase
Lot number:	2G3
Expiry date:	2020-12-01
Number of tests:	12
Number of wells per test:	37+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*05 LOT (0E3):

Well	5'-primer	3'-primer	rationale
1	Added	Added	Primer pair added for the C*05:133 allele.
7	Added	Added	Primer pair added for the C*05:133 allele.
31	Added	-	5'-primer added for the C*05:18:04 allele.
36	Added	Added	Negative Control moved to well 38, new primer pair for the C*05:154N allele.
37	New	New	New primer pair for C*05:153N allele.
38	-	-	Negative Control added from well 36.

THE NUMBER OF WELLS is increased from 36 to 38 wells.

ALLELE COVERAGE:

C*05:01 to C*05:164, i.e. all the currently recognized HLA-C*05 alleles, will be amplified by the primers in the HLA-C*05 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2018-April-16, release 3.32.0.

The HLA-C*05 kit enables separation of the confirmed HLA-C*05 alleles as listed in the IMGT/HLA database 3.24. 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*05 kit also enables identification of null and alternatively expressed alleles.

The following HLA-C*05 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*05:03, 05:07N	4	C*05:24, 05:36	23
C*05:06, 05:55	8	C*05:25, 05:33	11
C*05:08, 05:30	10	C*05:28, 05:39	26
C*05:14, 05:93	16	C*05:32, 05:53	30
C*05:15, 05:91N	14	C*05:35, 05:40	25
C*05:21, 05:26	20	C*05:37, 05:41	29

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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>.

RESOLUTION IN HLA-C*05 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*05 SUBTYPINGS BY NON-HLA-C*05 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.