

Olerup SSP® HLA-C*06

Product number:	101.614-12 – including Taq polymerase 101.614-12u – without Taq polymerase
Lot number:	4K6
Expiry date:	2023-11-01
Number of tests:	12
Number of wells per test:	60+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*06 LOT (6H9):

Well	5'-primer	3'-primer	rationale
38	Removed	-	Redundant 5'-primer removed.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*06:01 to C*06:283, i.e. all the currently recognized HLA-C*06 alleles, will be amplified by the primers in the HLA-C*06 SSP kit ^{1,2}; www.ebi.ac.uk/imgt/hla, 2019-July-10, release 3.37.0.

The HLA-C*06 kit enables separation of the confirmed HLA-C*06 alleles as listed in the IMGT/HLA database 3.24.0. 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*06 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-C*06 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*06:07, 06:33	7	C*06:45, 06:111	31
C*06:15, 06:116N	15	C*06:49N, 06:148	37
C*06:16N, 06:21	16	C*06:54, 06:133	40
C*06:20, 06:74Q	34	C*06:57, 06:58	36
C*06:25, 06:36	21	C*06:66, 06:71	32
C*06:27, 06:29	20	C*06:70:01-06:70:02, 06:73	38

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 HLA-C*06 primer set cannot separate the C*06:127:01-06:127:02, 06:264 and C*04:220 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or HLA-C*04 high resolution kit. The HLA-C*06 primer set cannot separate the C*06:76:02 and C*04:360 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or HLA-C*04 high resolution kit.

HLA-C*06

Release Note

Page 2 of 2

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101.614-12u – without *Taq* polymerase

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RESOLUTION IN HLA-C*06 HOMO- AND HETEROZYGOTES:

The C*06:02, 06:02 genotype gives rise to a unique amplification pattern.

INFLUENCE ON THE INTERPRETATION OF HLA-C*06 SUBTYPINGS BY NON-HLA-C*06 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.