

Olerup SSP® HLA-C*06

Product number: 101.614-12 – including Taq polymerase
 101.614-12u – without Taq polymerase
Lot number: 4R0
Expiry date: 2026-11-01
Number of tests: 12
Number of wells per test: 63+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*06 LOT (1N8):

Well	5'-primer	3'-primer	rationale
16	Added	-	5'-primer added for improved yield of the C*06:16N allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*06:01 to C*06:355, 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, 2022-July-12, release 3.49.0.

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*06:49N, 06:148	37
C*06:15, 06:116N	15	C*06:54, 06:133	40
C*06:16N, 06:21	16	C*06:57, 06:58	36
C*06:20, 06:74Q	34	C*06:66, 06:71	32
C*06:25, 06:36	21	C*06:70:01-06:70:02, 06:73	38
C*06:27, 06:29	20		

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 following alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or respective high resolution kit.



101.614-12 – including *Taq* polymerase

101.614-12u – without *Taq* polymerase

Lot No.: 4R0

Alleles

C*06:02:01:01-06:02:01:92, 06:02:03-06:02:102, 06:48, 06:51-06:52, 06:56, 06:62-06:64, 06:68, 06:75, 06:78, 06:80, 06:82, 06:84-06:85, 06:88-06:89, 06:92, 06:94-06:95, 06:97-06:99, 06:102:01-06:102:02, 06:105, 06:108-06:110, 06:112-06:114, 06:117, 06:119, 06:121, 06:125, 06:130-06:131, 06:135, 06:137, 06:141, 06:145, 06:149-06:150, 06:154-06:157, 06:159-06:167, 06:169-06:170, 06:172-06:174, 06:176-06:178, 06:180-06:182, 06:184-06:187, 06:189-06:196, 06:199, 06:201-06:202, 06:205-06:207, 06:209:01-06:209:02, 06:212-06:214, 06:216, 06:218-06:219, 06:221-06:234, 06:237-06:243, 06:245-06:246, 06:249-06:251, 06:253-06:263N, 06:265-06:270, 06:272-06:292, 06:294-06:302, 06:306-06:312, 06:314-06:316N, 06:318-06:328, 06:331-06:355, 16:199N

C*06:76:02, C*04:360, 04:477

C*06:127:01-06:127:02, 06:264, C*04:220

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.

