

101.614-12 – including *Taq* polymerase

101.614-12u – without *Taq* polymerase

Lot No.: **35Y**

Olerup SSP® HLA-C*06

Product number: 101.614-12 – including *Taq* polymerase
101.614-12u – without *Taq* polymerase

Lot number: 35Y

Expiry date: 2017-November-01

Number of tests: 12

Number of wells per test: 47+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*06 LOT (75V):

Well	5'-primer	3'-primer	rationale
2	Added	-	5'-primer added for the C*06:02:43 allele.
5	Added	-	5'-primer added from well 9.
6	Removed, added	Removed, added	Primer pair removed, primer pair added from well 39.
7	Added	-	5'-primer added for the C*06:104 allele.
9	Moved	-	5'-primer moved to well 5.
18	Added	-	5'-primer added for the C*06:104 allele.
19	-	Added	3'-primer added for the C*06:122 allele.
20	-	Added	3'-primers added for the C*06:124 and 06:134N alleles.
21	Added	-	5'-primer added for the C*06:87 allele.
22	-	Added	3'-primer added for the C*06:86 allele.
23	-	Added	3'-primer added from well 45.
24	Added	-	5'-primer added for the C*06:107 allele.
26	Added	Added	Primer pair added for the C*06:146 allele, 5'-primer added for the C*06:128N allele.
29	Added	-	5'-primer added for the C*06:107 allele.
30	-	Added	3'-primer added for the C*06:126 allele.
31	Added	-	5'-primer added for the C*06:128N allele.
32	Added	-	5'-primer added for the C*06:71 allele.
33	-	Added	3'-primer added for the C*06:122 allele.
35	-	Added	3'-primer added for the C*06:134N allele.
36	Added	-	5'-primer added for the C*06:87 allele.
37	Added	-	5'-primer added for the C*06:148 allele.
38	Added	-	5'-primer added for the C*06:120 allele.
39	Moved	Moved	Primer pair moved to well 6.
40	-	Added	3'-primer added for the C*06:133 allele.
41	Added	-	5'-primer added for the C*06:120 allele.
42	-	Added	3'-primers added for the C*06:86 and C*06:126 alleles.
45	Removed, added	Moved, added	5'-primer removed, 3'-primer moved to well 23, Primer pair added for the C*06:127:01-06:127:02 alleles.
47	Added	Added	Primer pair added for the C*06:146 allele.
48	-	-	Updated negative control.

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THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*06:01 to C*06:149, 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, 2015-January-19, release 3.19.0.

The HLA-C*06 kit enables separation of the confirmed HLA-C*06 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*06 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of 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*06:11, 06:147	11	C*06:46N, 06:65	35
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*06:24, 06:37	17	C*06:60, 06:69	33
C*06:25, 06:36	21	C*06:66, 06:71	32
C*06:27, 06:29	20	C*06:70, 06:73	38

The HLA-C*06 primer set cannot distinguish the silent mutations in the C*06:02:01:01-06:02:01:03, C*06:02:03-06:02:43, the C*06:43:01-06:43:02, the C*06:53:01-06:53:02 alleles or the C*06:127:01-06:127:02 alleles.

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*06:76:02 and the C*12:28, 12:58, 12:63, 12:108 and 12:135 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or HLA-C*12 high resolution kit.

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.