

Olerup SSP[®] HLA-C*12

Product number:	101.624-12 – including <i>Taq</i> polymerase 101.624-12u – without <i>Taq</i> polymerase
Lot number:	3S7
Expiry date:	2027-09-01
Number of tests:	12
Number of wells per test:	47+1

The HLA-C*12 primer set is unchanged compared to the previous Olerup SSP[®] HLA-C*12 (Lot No. 6N5).

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*12:02 to C*12:389, i.e. all the currently recognized HLA-C*12 alleles, will be amplified by the primers in the HLA-C*12 SSP kit; www.ebi.ac.uk/imgt/hla, 2023-July-12, release 3.53.0.

The HLA-C*12 kit enables separation of the confirmed HLA-C*12 alleles as listed in the IMGT/HLA database 3.27.0. 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*12 kit also enables identification of null and alternatively expressed alleles.

The following HLA-C*12 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*12:03:09, 12:159	17	C*12:32, 12:34	30
C*12:06, 12:48, 12:81	6	C*12:39N, 12:167	25
C*12:11, 12:227	14	C*12:45, 12:50, 12:232N	28
C*12:23, 12:203	22	C*12:46N, 12:139Q, 12:326	20
C*12:29, 12:38	29	C*12:86, 12:104N	29
C*12:30, 12:36	27	C*12:109, 12:171	34

The HLA-C*12 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.

Alleles

C*12:09, C*05:16, C*05:85, C*05:107, C05:241, C*16:88

C*12:33, C*16:91

C*12:181, C*07:723

C*12:208, C*12:222, C*12:233, C*12:251, C*12:258, C*08:05, C*08:25, C*16:201



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RESOLUTION IN HLA-C*12 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*12 SUBTYPINGS BY NON-HLA-C*12 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.

