

HLA-C*03

101.611-12 – including *Taq* polymerase

101.611-12u – without *Taq* polymerase

Lot No.: 1S7

Olerup SSP® HLA-C*03

Product number: 101.611-12 – including *Taq* polymerase
101.611-12u – without *Taq* polymerase

Lot number: 1S7

Expiry date: 2027-10-01

Number of tests: 12

Number of wells per test: 62+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*03 LOT (6N6):

The HLA-C*03 primer set is unchanged compared to the previous Olerup SSP® HLA-C*03 lot (Lot No. 6N6).

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*03:02 to C*03:640, i.e. all the currently recognized HLA-C*03 alleles, will be amplified by the primers in the HLA-C*03 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2023-July-12, release 3.53.0.

The HLA-C*03 kit enables separation of the confirmed HLA-C*03 alleles as listed in the IMGT/HLA database 3.25.0. 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*03 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-C*03 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*03:04:19, 03:265N	12	C*03:44, 03:123, 03:209	31
C*03:06:01-03:06:02, 03:287:01-03:287:02	6	C*03:49, 03:103	23
C*03:23N, 03:263:01-03:263:02	18	C*03:50, 03:122	36
C*03:24, 03:236	19	C*03:62, 03:346	33
C*03:28, 03:90	23	C*03:68, 03:205	41
C*03:31, 03:414	7, 11	C*03:72, 03:219	36
C*03:37:01-03:37:02, 03:208N	27	C*03:91:01, 03:465	44

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 following alleles give rise to identical amplification patterns with the HLA-C*03 subtyping kit. These alleles can be distinguished by the HLA-C low resolution kit and/or respective high-resolution kits:



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Alleles

C*03:135, 03:154, 03:260, 03:286, 03:326, 03:412,
03:435, 03:464, 03:493, 03:532, 03:591, C*15:43
C*03:530, C*01:131

RESOLUTION IN HLA-C*03 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*03 SUBTYPINGS BY NON-HLA-C*03 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.

