

Olerup SSP[®] HLA-C*02

Product number: 101.622-12 – including *Taq* polymerase
101.622-12u – without *Taq* polymerase
Lot number: 95R
Expiry date: 2015-August-01
Number of tests: 12
Number of wells per test: 32

CHANGES COMPARED TO THE PREVIOUS HLA-C*02 LOT (77N):

Well	5'-primer	3'-primer	rationale
28	-	-	Exchanged positive control primer pair.
30	-	Added	3'-primer added for the A*02:58 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*02:02 to C*02:66, i.e. all the currently recognized HLA-C*02 alleles, will be amplified by the primers in the HLA-C*02 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2012-October-14, release 3.10.0.

The HLA-C*02 kit enables separation of the confirmed HLA-C*02 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*02 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles

¹The HLA-C*02 primer set cannot distinguish the following silent mutations: the C*02:02:01-02:02:03, 02:02:06-02:02:12 and 02:02:15-02:02:25 alleles, the *02:02:05 and 02:02:14 alleles or the C*02:26:01-02:26:03 alleles.

The C*02:15 and 02:21 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 15.

The C*02:25Q and 02:30 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 21.

The C*02:37 and 02:52N alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 28.

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RESOLUTION IN HLA-C*02 HOMO- AND HETEROZYGOTES:

The C*02:02,02:02 and C*02:02,02:10 genotypes give rise to identical amplification patterns.

INFLUENCE ON THE INTERPRETATION OF HLA-C*02 SUBTYPINGS BY NON-HLA-C*02

ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.