

Lot No.: **49N**

Olerup SSP[®] HLA-C*12

Product number: 101.624-12 – including *Taq* polymerase
101.624-12u – without *Taq* polymerase
Lot number: 49N
Expiry date: 2014-October-01
Number of tests: 12
Number of wells per test: 32

CHANGES COMPARED TO THE PREVIOUS HLA-C*12 LOT (11L):

Well	5'-primer	3'-primer	rationale
23	Added	Added	Primer pair added for the C*12:63 allele.
32	Added	Added	Primer pair added for the C*12:54 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*12:02 to C*12:68, i.e. all the currently recognized HLA-C*12 alleles, will be amplified by the primers in the HLA-C*12 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2012-January-12, release 3.7.0.

The HLA-C*12 kit enables separation of the confirmed HLA-C*12 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*12 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 C*12:06 and 12:48 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 6.

The C*12:29 and 12:38 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 29.

The C*12:30 and 12:36 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 27.

The C*12:32 and 12:34 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 30.

The C*12:45 and 12:50 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 28.

The HLA-C*12 primer set cannot separate the C*12:09 and C*05:16 alleles, the C*12:16 and C*01:21 alleles or the C*12:33 and the C*02:05 and C*02:17 alleles. These alleles can be distinguished by the HLA-C low resolution kit and the HLA-C*01, HLA-C*02 or HLA-C*05 kit, respectively.

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

Good.

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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.