

Olerup SSP[®] HLA-C*14

Product number: 101.625-06 – including *Taq* polymerase
101.625-06u – without *Taq* polymerase
Lot number: 54N
Expiry date: 2014-November-01
Number of tests: 6
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-C*14 LOT (20L):

| Well | 5'-primer | 3'-primer | rationale |
|------|-----------|-----------|---|
| 20 | Added | - | 5'-primer added for the C*14:35N allele. |
| 21 | - | Added | 3'-primer added for the C*14:32 allele. |
| 22 | Added | Added | Primer pair added for the C*14:31 allele. |
| 23 | - | Added | 3'-primer added for the C*14:32 allele. |
| 24 | New | New | New primer pairs for the C*14:33 and C*14:34 alleles. |

THE NUMBER OF WELLS has been increased from 23 to 24.

ALLELE COVERAGE:

C*14:02 to C*14:37, i.e. all the currently recognized HLA-C*14 alleles, will be amplified by the primers in the HLA-C*14 kit¹; www.ebi.ac.uk/imgt/hla, 2012-April-12, release 3.8.0.

The HLA-C*14 kit enables separation of the confirmed HLA-C*14 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*14 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*14:18 and 14:29 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 19.

The C*14:24 and 14:31 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 22.

The HLA-C*14 subtyping kit cannot distinguish the following silent mutations: the C*14:02:01 and 14:02:04-14:02:10 alleles.

RESOLUTION IN HLA-C*14 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*14 SUBTYPINGS BY NON-HLA-C*14 ALLELES:

None frequently occurring.

HLA-C*14

Release Note

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MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.