

Olerup SSP[®] HLA-C*06

Product number: 101.614-12 – including *Taq* polymerase
101.614-12u – without *Taq* polymerase
Lot number: 31M
Expiry date: 2014-January-01
Number of tests: 12
Number of wells per test: 31

CHANGES COMPARED TO THE PREVIOUS HLA-C*06 LOT (08K):

| Well | 5'-primer | 3'-primer | rationale |
|------|-----------|-----------|---|
| 5 | - | - | Exchanged positive control primer pair. |
| 25 | New | New | Primer pair for the C*06:38 allele. |
| 26 | New | New | Primer pair for the C*06:39 allele. |
| 27 | New | New | Primer pairs for the C*06:40 and C*06:42 alleles. |
| 28 | New | New | Primer pair for the C*06:41 alleles. |
| 29 | New | New | Primer pair for the C*06:43 alleles. |
| 30 | New | New | Primer pair for the C*06:44 allele. |
| 31 | New | New | Primer pair for the C*06:45 allele. |

THE NUMBER OF WELLS has been increased from 24 to 31.

ALLELE COVERAGE:

C*06:01 to C*06:45, i.e. all the currently recognized HLA-C*06 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2010-July-16, release 3.1.0.

¹The HLA-C*06 SSP subtyping kit cannot distinguish the C*06:02:01:01, 06:02:01:02 and the C*06:02:03 to 06:02:05 alleles.

The C*06:07 and C*06:33 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 7.

The C*06:16N and C*06:21 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 16.

The C*06:24 and C*06:37 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 17.

The C*06:25 and C*06:36 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 21.

The C*06:27 and C*06:29 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 20.

The C*06:28 and C*06:32 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 19.

RESOLUTION IN HLA-C*06 HOMO- AND HETEROZYGOTES:

The C*06:02, 06:02 genotype gives rise to a unique amplification pattern.

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INFLUENCE ON THE INTERPRETATION OF HLA-C*06 SUBTYPINGS BY NON-HLA-C*06 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.