

Olerup SSP[®] HLA-C*08

Product number: 101.623-12 – including *Taq* polymerase
101.623-12u – without *Taq* polymerase
Lot number: 84N
Expiry date: 2014-November-01
Number of tests: 12
Number of wells per test: 32

CHANGES COMPARED TO THE PREVIOUS HLA-C*08 LOT (55M):

Well	5'-primer	3'-primer	rationale
11	Moved	Moved	Primer pair moved to well 30.
15	Moved	Moved	Primer pair moved to well 31.
16	Modified	-	Improved specificity of amplification
24	Added	Added	Primer pair added for the C*08:56 allele.
28	Added	-	Primer added for the C*08:33:02 allele.
29	Added	Added	Primer pair added for the C*08:52N allele.
30	New	New	Primer pair from well 11, new primer pair for improved resolution of the C*08:28 allele.
31	New	New	Primer pair from well 15.
32	New	New	New primer pairs for the C*08:55N allele and for resolution of the C*08:02:06 and C*08:19 alleles.

THE NUMBER OF WELLS is increased from 29 to 32.

ALLELE COVERAGE:

C*08:01 to C*08:60, i.e. all the currently recognized HLA-C*08 alleles, will be amplified by the primers in the HLA-C*08 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2012-April-12, release 3.8.0.

The HLA-C*08 kit enables separation of the confirmed HLA-C*08 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*08 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

The HLA-C*08 primer set cannot distinguish the following silent mutations: the C*08:01:01-08:01:05 alleles, the 08:02:01-08:02:05 alleles, the 08:03:01-08:03:02 alleles, the C*08:04:01-08:04:02 alleles and the 08:15:01-08:15:02 alleles.

The C*08:30 and C*08:32 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 19.

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¹The HLA-C*08 subtyping kit cannot separate the C*08:15:01-08:15:02 and 08:51 alleles from the C*07:148 and 07:161 alleles. The C*08 and C*07 alleles can be distinguished by the HLA-C low resolution and/or HLA-C*07 kits.

RESOLUTION IN HLA-C*08 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*08 SUBTYPINGS BY NON-HLA-C*08 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.