

Olerup SSP[®] HLA-C*08

Product number: 101.623-12 – including *Taq* polymerase
101.623-12u – without *Taq* polymerase
Lot number: 13S
Expiry date: 2015-October-01
Number of tests: 12
Number of wells per test: 32

CHANGES COMPARED TO THE PREVIOUS HLA-C*08 LOT (84N):

Well	5'-primer	3'-primer	rationale
15	-	Added, Modified	3'-primer added for the C*08:16:02 allele, 3'-primer modified for improved specificity of primer pair.
16	Modified	-	Increased yield of HLA specific PCR product.
25	Added	Modified	5'-primer added for the C*08:62 allele, 3'-primer modified for improved specificity of primer pair.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

C*08:01 to C*08:74, 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, 2013-January-11, release 3.11.0.

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*08:01:01-08:01:06 and C*08:01:08-08:01:09 alleles, the C*08:02:01-08:02:05 and C*08:02:08-08:02:09 alleles, the 08:03:01-08:03:02 alleles, the C*08:04:01-08:04:03 alleles, the 08:15:01-08:15:02 alleles and the C*08:16:01-08:16:02 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.

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.

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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.