

Lot No.: **06H**

Olerup SSP® HLA-Cw*04

Product number: 101.612-12 – including *Taq* polymerase
101.612-12u – without *Taq* polymerase
Lot number: 06H
Expiry date: 2012-April-01
Number of tests: 12
Number of wells per test: 31

CHANGES COMPARED TO THE PREVIOUS HLA-Cw*04 LOT (72F):

Well	5'-primer	3'-primer	rationale
13	-	Added	Primer added for the Cw*0452 allele.
17	Exchanged	Exchanged	Exchanged primer pair for the Cw*0417 allele, exchanged positive control primer pair.
20	-	Added	Primers added for the Cw*0444 and Cw*0447 alleles.
21	-	Added	Primers added for the Cw*0438 and Cw*0439 alleles.
23	Added	Added	Primer pairs added for the Cw*0440 and Cw*0441 alleles.
24	Added	-	Primer added for the Cw*0442 allele.
25	New	New	New primer pair for the Cw*0443 allele.
26	New	New	New primer pair for the Cw*0445 allele.
27	New	New	New primer pairs for the Cw*0446 and Cw*0450 alleles.
28	New	New	New primer pair for the Cw*0448 allele.
29	New	New	New primer pair for the Cw*0449 allele.
30	New	New	New primer pair for the Cw*0453 allele.
31	New	New	New primer pair for the Cw*0451 allele.

THE NUMBER OF WELLS is increased from 24 to 31.

ALLELE COVERAGE:

Cw*0401 to Cw*0453, i.e. all the currently recognized HLA-Cw*04 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2010-January-15, release 2.28.0.

The Cw*041502, Cw*0444 and Cw*0447 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 20, the Cw*0423, Cw*0438 and Cw*0439 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 21, the Cw*0425, Cw*0440 and Cw*0441 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 23 and the Cw*0446 and Cw*0450 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 27.

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RESOLUTION IN HLA-Cw*04 HOMO- AND HETEROZYGOTES:

The Cw*0401,0401 genotype gives rise to a unique amplification pattern.

INFLUENCE ON THE INTERPRETATION OF HLA-Cw*04 SUBTYPINGS BY NON-HLA-Cw*04 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.