

Lot No.: **95E**

Lot-specific information

www.qiagen.com/goto/HLA

Olerup SSP[®] HLA-Cw high resolution for frequent alleles

Product number: 101.707-12 – including *Taq* polymerase
 101.707-12u – without *Taq* polymerase

Lot number: 95E

Expiry date: 2010-September-01

Number of tests: 12

Number of wells per test: 95 + 1

CHANGES COMPARED TO THE PREVIOUS HLA-CW HIGH RESOLUTION FOR FREQUENT ALLELES LOT (07E):

Well	5'-primer	3'-primer	rationale
2	-	Added	Primer added for the Cw*0754 allele.
3	Modified	Modified	5'-primer improved for increased specificity. 3'-primer improved for increased yield of specific PCR product.
6	-	Added	Primer pair added for the Cw*0120 allele.
9	2 added	-	Primers added for the Cw*0221 and *1611 alleles.
11	-	Modified	Primer improved for increased specificity.
15	-	Modified	Primer improved for increased specificity.
21	Added	-	Primer added for the Cw*0350 allele.
24	-	Modified	Primer improved for increased specificity.
32	Added	Added	Primer pair added for the Cw*0348 allele.
33	3 removed	2 removed	Primer pairs moved to vial 37, 59 and 86.
36	-	Modified	Primer improved for increased specificity.
37	3 added	-	Primers added for the Cw*0519 allele. 2 primers moved to here from vial 33.
43	-	1 added, 1 modified.	Primer added for the Cw*0756 allele. Primer modified for increased specificity.
50	Modified	-	Primer improved for increased specificity.
51	-	Modified	Primer improved for increased specificity.
53	1 added, 1 modified.	Added	Primer pair for the Cw*0816 allele added. Primer improved for increased yield of specific PCR product.
55	Added	-	Primer added for the Cw*0433 allele.
57	Exchanged	-	Primer exchanged for the Cw*0518 allele.
59	1 added, 1 modified.	Added	Primer for the Cw*0432 allele added, primer improved for increased yield of specific PCR product. Primer moved to here from vial 33.

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64	Modified	-	Primer improved for increased yield of specific PCR product.
65	Modified	Modified	Primers improved for increased specificity.
75	Added	Added	Primer pair added for the Cw*0757 allele. Changed to the 1070 bp internal control primer pair.
82	-	-	Changed to the 1070 bp internal control primer pair.
86	Added	Added	Primer pair from vial 33.
87	-	Modified	Primer improved for increased specificity.
91	Added	-	Primer added for the Cw*0755N allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

All the HLA-Cw alleles, i.e. **Cw*0102 to Cw*1803**, recognized by the HLA Nomenclature Committee in July 2008¹ will be amplified by the primers in the HLA-Cw high resolution for frequent alleles SSP kit and will give rise to unique amplification patterns, with the exceptions that following alleles have the same amplification patterns:

Cw*0106 and Cw*0111
 Cw*0115 and Cw*0120
 Cw*0116, Cw*0117, Cw*0118 and Cw*0119
 Cw*0203 and Cw*0218
 Cw*0204, Cw*0214 and Cw*0221
 Cw*0205 and Cw*0217
 Cw*0306 and Cw*0328
 Cw*0309 and Cw*0323
 Cw*0321 and Cw*0322Q
 Cw*0337 and Cw*0346
 Cw*040401 and Cw*0434
 Cw*0407 and Cw*0427
 Cw*0408, Cw*0409N and Cw*0430
 Cw*041502 and Cw*0417
 Cw*0418 and Cw*0419
 Cw*0423 and Cw*0431

Cw*0424, Cw*0425 and Cw*0426
 Cw*0506 and Cw*0515
 Cw*0514, Cw*0516 and Cw*0519
 Cw*0608 and Cw*0613
 Cw*0615 and Cw*0616N
 Cw*0703 and Cw*0717
 Cw*0715 and Cw*0738
 Cw*0722 and Cw*0735
 Cw*0725 and Cw*0732N
 Cw*0730 and Cw*0740
 Cw*0733N and Cw*0751
 Cw*0737 and Cw*0754
 Cw*0747 and Cw*0748
 Cw*1509 and Cw*1519
 Cw*1511 and Cw*1517

¹HLA-Cw alleles listed on the IMGT/HLA web page 2008-July-11, release 2.22.0, www.ebi.ac.uk/imgt/hla.