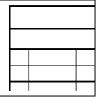
on www.qiagen.com/goto/HLA

Olerup SSP<sup>®</sup> HLA-Cw high resolution for frequent alleles

Product number:	101.707-12 – including <i>Taq</i> 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.
	Woulled	Modified	3'-primer improved for increased specificity.
			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,	Primer added for the Cw*0756 allele.
		1 modified.	Primer modified for increased specificity.
50	Modified	-	Primer improved for increased specificity.
51	-	Modified	Primer improved for increased specificity.
53	1 added,	Added	Primer pair for the Cw*0816 allele added.
	1 modified.		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,	Added	Primer for the Cw*0432 allele added, primer
	1 modified.		improved for increased yield of specific
			PCR product. Primer moved to here from
			vial 33.



## HLA-Cw high res. for frequent alleles Product Insert 101.707-12 – including *Taq* polymerase 101.707-12u – without Taq polymerase Lot No.: 95E

Lot-specific information

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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 2008<sup>1</sup> 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

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