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HLA-A*11　　　　　　　　　**Release Note**　　　　　　　　**Page 1 of 2**
101.416-12/04 – including *Taq* polymerase
101.416-12/04u – without *Taq* polymerase
Lot No.: 62Y

Olerup SSP® HLA-A*11

Product number:	**101.416-12/04 – including *Taq* pol.**
	101.416-12u/04u – without *Taq* pol.
Lot number:	62Y
Expiry date:	2018-January-01
Number of tests:	12 tests – Product No. 101.416-12/12u
	4 tests – Product No. 101.416-04/04u
Number of wells per test:	63+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*11 LOT (82V):

Well	5'-primer	3'-primer	rationale
7	-	Added	3'-primer added for the A*11:155 allele.
8	Added	-	5'-primer added for the A*11:196 allele.
19	-	Added	Positive control primer pairs exchanged for decreased tendency of primer oligomer formation, 3'-primer added for the A*11:215 allele.
20	-	Added	3'-primer added for the A*11:131 allele.
27	-	Added	3'-primers added for the A*11:155 and 11:208N alleles.
30	-	Added	3'-primers added for the A*11:131, 11:182Q and 11:215N alleles.
34	-	Added	3'-primers added for the A*11:208N alleles.
36	Added	Added	Primer pairs added for the A*11:210N alleles.
37	-	Added	3'-primer added from well 40.
38	-	Added	3'-primer added for the A*11:189 allele.
39	Added	-	5'-primer added for the A*11:166 allele.
40	Removed, added	Moved, added	5'-primer removed, 3'-primers moved to wells 37 and 41, primer pair added for the A*11:199 alleles.
41	-	Added	3'-primer added and modified for increased HLA-specific amplification from well 40, 3'-primer added for the A*11:01:57 allele.
42	-	Added	3'-primer added for the A*11:189 allele.
45	Added	-	5'-primer added for the A*11:210N allele.
46	-	Added	3'-primer added for the A*11:193 allele.
49	-	Added	3'-primer added for the A*11:182Q allele.
50	Added	-	5'-primer added for the A*11:210N allele.
54	Added	Added	5'-primer added for the A*11:166, 3'-primers added for the A*11:153:01-11:153:02 alleles.
55	-	Added	3'-primer added for the A*11:194 allele.
57	-	Added	3'-primer added for the A*11:193 allele.
58	-	Added	3'-primer added for the A*11:180N allele.
60	-	Added	3'-primer added for the A*11:153:01-11:153:02 alleles.
61	Added	-	5'-primer added for improved allelic resolution of the A*11:54 allele.
62	Exchanged	Exchanged	Primer pair exchanged for the A*11:20 allele and for increased HLA-specific amplification.
63	-	Added	3'-primer added for the A*11:194 allele.
64	-	-	Updated negative control.

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HLA-A*11   **Release Note**   **Page 2 of 2**
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Lot No.: **62Y**

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
A*11:01 to A*11:215N, i.e. all the currently recognized HLA-A*11 alleles, will be amplified by the primers in the HLA-A*11 SSP kit[1]; www.ebi.ac.uk/imgt/hla, 2015-April-17, release 3.20.0.

The HLA-A*11 kit enables separation of the confirmed HLA-A*11 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-A*11 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 following HLA-A*11 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
A*11:05, 11:126	5	A*11:77, 11:110	5
A*11:09, 11:196	8	A*11:79, 11:129	45
A*11:13, 11:54	16	A*11:81, 11:108	52
A*11:58, 11:67	34	A*11:86, 11:142	50
A*11:59, 11:60	41	A*11:115N, 11:180N	58
A*11:62, 11:68	35	A*11:120, 11:171	63
A*11:63, 11:69N	42	A*11:124, 11:74	59
A*11:64, 11:65	36	A*11:127N, 11:137N	60
A*11:66, 11:72	37	A*11:173, 11:193	46, 57

The HLA-A*11 subtyping kit cannot distinguish the silent mutations in the A*11:01:01-11:01:20, 11:01:22-11:01:43, 11:01:45-11:01:56, 11:01:58-11:01:61 and 11:01:63-11:01:66 alleles, the A*11:01:21, 11:01:44, 11:01:62 alleles, the A*11:02:01-11:02:06 alleles, the A*11:33:01-11:33:02 alleles, the A*11:70:01-11:70:02 alleles or the A*11:153:01-11:153:02 alleles.

[1]Alleles that have been deleted from or renamed in the official WHO HLA Nomenclature up to and including the last IMGT/HLA database release can be retrieved from web page http://hla.alleles.org/alleles/deleted.html.

RESOLUTION IN HLA-A*11 HOMO- AND HETEROZYGOTES:
Good.

INFLUENCE ON THE INTERPRETATION OF HLA-A*11 SUBTYPINGS BY NON-HLA-A*11 ALLELES:
None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:
No comments received.