Olerup SSP® HLA-A*11

Product number:	**101.416-12/04 – including *Taq* pol.** **101.416-12u/04u – without *Taq* pol.**
Lot number:	**16M**
Expiry date:	**2013-October-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:	**48**

CHANGES COMPARED TO THE PREVIOUS HLA-A*11 LOT (01H):

Well	5'-primer	3'-primer	rationale
33	New	New	New primer pairs for the A*11:56, 11:61 and 11:74 alleles.
34	New	New	New primer pairs for the A*11.46, 11:58 and 11:67 alleles.
35	New	New	New primer pairs for the A*11:62 and 11:68 alleles.
36	New	New	New primer pairs for the A*11:64 and 11:65 alleles.
37	New	New	New primer pairs for the A*11:66 and 11:72 alleles.
38	New	New	New primer pairs for the A*11:75 and 11:78N alleles.
39	New	New	New primer pairs for the A*11:52Q and 11:74 alleles.
40	New	New	New primer pairs for the A*11:57 and 11:59 alleles.
41	New	New	New primer pair for the A*11:60 allele.
42	New	New	New primer pairs for the A*11:63 and 11:69N alleles.
43	New	New	New primer pairs for the A*11:70 and 11:77 alleles.
44	New	New	New primer pair for the A*11:76 allele.
45	New	New	New primer pair for the A*11:79 allele.
46	New	New	New primer pair for the A*11:80 allele.
47	New	New	New primer pair improved allelic resolution.
48	New	New	New primer pair for the A*11:71 allele.

THE NUMBER OF WELLS is increased from 32 to 48.

ALLELE COVERAGE:

A*11:01 to A*11:80, i.e. all the currently recognized HLA-A*11 alleles, give rise to unique amplification patterns[1]; www.ebi.ac.uk/imgt/hla, 2010-October-20, release 3.2.0.

[1]The HLA-A*11 subtyping kit cannot distinguish the A*11:01:01-11:01:20 and 11:01:22-11:01:27 alleles, the A*11:02:01-11:02:03 alleles or the A*11:33:01-11:33:02 alleles.
The A*11:13 and A*11:54 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 16.
The A*11:32 and A*11:51 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 32.
The A*11:58 and A*11:67 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 34.
The A*11:62 and A*11:68 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 35.
The A*11:63 and A*11:69 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 42.
The A*11:64 and A*11:65 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 36.
The A*11:66 and A*11:72 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 37.

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.