

Lot No.: **62N**

Olerup SSP[®] HLA-A*11

Product number: 101.416-12/04 – including *Taq* pol.
101.416-12u/04u – without *Taq* pol.
Lot number: 62N
Expiry date: 2014-November-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: 56

CHANGES COMPARED TO THE PREVIOUS HLA-A*11 LOT (16M):

Well	5'-primer	3'-primer	rationale
13	Moved	Moved	Primer pair moved to well 50, for decreased primer oligomer formation.
19	Moved	Moved	Primer pairs moved to well 49, for decreased primer oligomer formation.
31	-	-	Exchanged positive control primer pair.
32	Moved	Moved	Primer pair moved to well 51, for improved allelic resolution.
44	Added	Added	Primer pair added for the A*11:106 allele.
49	New	New, added	Primer pair from well 19, 3'-primer added for the A*11:109N allele.
50	New	New	Primer pair from well 13, primer pair added for the A*11:86 allele.
51	New	New	Primer pair from well 32.
52	New	New	New primer pairs for the A*11:81 and 11:108 alleles.
53	New	New	New primer pair for the A*11:100 allele.
54	New	New	New primer pairs for the A*11:89 and 11:109N alleles.
55	New	New	New primer pairs for the A*11:90 and 11:102 alleles.
56	New	New	New primer pair for the A*11:99N allele.

THE NUMBER OF WELLS is increased from 48 to 56.

ALLELE COVERAGE:

A*11:01 to A*11:112, i.e. all the currently recognized HLA-A*11 alleles, will be amplified by the primers in the HLA-A*11 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2012-January-12, release 3.7.0.

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.

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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

¹The HLA-A*11 subtyping kit cannot distinguish the silent mutations in the A*11:01:01-11:01:20 and 11:01:22-11:01:35 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*11:69N 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.

The A*11:81 and 11:108 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 52.

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.