

101.418-12/04 – including *Taq* polymerase
 101.418-12u/04u – without *Taq* polymerase

Lot No.: **36N**

Olerup SSP® HLA-A*68

Product number: 101.418-12/04 – including *Taq* pol.
 101.418-12u/04u – without *Taq* pol.
Lot number: 36N
Expiry date: 2014-September-01
Number of tests: 12 tests – Product No. 101.418-12/12u
 4 tests – Product No. 101.418-04/04u
Number of wells per test: 42

CHANGES COMPARED TO THE PREVIOUS HLA-A*68 LOT (70K):

Well	5'-primer	3'-primer	rationale
16	Moved	Moved	Primer pair moved to well 33, for decreased tendencies of primer oligomer formation.
31	-	Modified	Improved specificity of primer pair.
32	Moved	Moved	Primer pair moved to well 41, for decreased tendencies of primer oligomer formation.
33	New	New	Primer pair from well 16.
34	New	New	New primer pair for the A*68:55 allele.
35	New	New	New primer pair for the A*68:59N allele.
36	New	New	Improved resolution of the A*68:02 and the A*68:27 alleles.
37	New	New	New primer pair for the A*68:65 allele.
38	New	New	New primer pair for the A*68:67 allele.
39	New	New	New primer pair for the A*68:68 allele.
40	New	New	New primer pair for the A*68:80 allele.
41	New	New	Primer pair from well 32.
41	New	New	New primer pair for the A*68:60 allele.

THE NUMBER OF WELLS is increased from 32 to 42.

ALLELE COVERAGE:

A*68:01 to A*68:85, i.e. all the currently recognized HLA-A*68 alleles, will be amplified by the primers in the HLA-A*68 subtyping kit^{1,2}, www.ebi.ac.uk/imgt/hla, 2012-January-12, release 3.7.0. The HLA-A*69:01 allele also gives rise to a unique amplification pattern.

The HLA-A*68 kit enables separation of the confirmed HLA-A*68 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*68 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

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¹The A*68:29 and A*68:52 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 25.

²The A*68:27 and the A*66:16 alleles give rise to identical amplification patterns with the HLA-A*68 subtyping kit. These alleles can be distinguished by e.g. the HLA-A low resolution kit and/or the HLA-A*66 subtyping kit.

The A*68:66 and 68:75 and the A*03:50 and 03:66 alleles give rise to identical amplification patterns with the HLA-A*68 subtyping kit. These alleles can be distinguished by e.g. the HLA-A low resolution kit and/or the HLA-A*03 subtyping kit.

RESOLUTION IN HLA-A*68 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-A*68 SUBTYPINGS BY NON-HLA-A*68 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.