

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

Lot No.: **30X**

Olerup SSP® HLA-A*68

Product number: 101.418-12/04 – including *Taq* pol.
 101.418-12u/04u – without *Taq* pol.

Lot number: 30X

Expiry date: 2017-March-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: 47+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*68 LOT (10S):

Well	5'-primer	3'-primer	rationale
14	Exchanged		5'-primer exchanged to decrease primer oligomer formation and to improve HLA-specific amplification, exchanged positive control primer pair.
15	-	Added	3'-primer added from well 40.
18	-	Added	3'-primer added for the A*68:21:02 allele.
22	-	Added	3'-primer added for the A*68:01:14 allele.
26	-	Added	3'-primer added from well 40.
29	-	Added	3'-primer added for the A*68:63 allele.
32	Exchanged	-	5'-primer exchanged to decrease tendency of primer oligomer formation.
37	-	Added	3'-primer added from well 38.
38	-	Moved, added	3'-primer moved to well 37, 3'-primer added for the A*68:91 allele.
40	Removed, added	Added	3'-primer moved to wells 15 and 26, 5'-primer removed, primer pair added for the A*68:106 allele.
42	Added	Added	Primer pair added for the A*68:99 allele.
44	Added	Added	Primer pair added for the A*68:75:02 allele.
45	Added	Added	Primer pairs added for the A*68:72 and A*68:86 alleles.
47	New	New	New primer pair for the A*68:104 allele.
48	-	-	Negative Control

THE NUMBER OF WELLS is increased from 46 to 48.

ALLELE COVERAGE:

A*68:01 to A*68:112, i.e. all the currently recognized HLA-A*68 alleles, will be amplified by the primers in the HLA-A*68 subtyping kit¹, www.ebi.ac.uk/imgt/hla, 2014-April-14, release 3.16.0. The HLA-A*69:01 to 69:03 alleles are also identified.

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.

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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.

The HLA-A*68 subtyping kit cannot distinguish the following silent mutations: the A*68:01:01:01-68:01:01:02, 68:01:03-68:01:05, 68:01:07-68:01:12 68:01:14 and 68:01:18-68:01:20, the A*68:01:02:01-68:01:02:02, 68:01:06 68:01:13 68:01:15-68:01:17 and 68:01:21-68:01:23, the A*68:02:01:01-68:02:07, the A*68:03:01-68:03:02 and the A*68:27:01-68:27:02 alleles.

¹Alleles 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*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.