

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

Lot No.: **3G9**

Olerup SSP® HLA-A*68

Product number: 101.418-12/04 – including *Taq* pol.
101.418-12u/04u – without *Taq* pol.
Lot number: 3G9
Expiry date: 2021-03-01
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 (4E1):

Well	5'-primer	3'-primer	rationale
13	-	Added	3'-primer added for the A*68:171N allele.
37	-	Added	Positive control primer pair exchanged for decreased tendency of primer oligomer formation, 3'-primer added for the A*68:171N allele.
41	-	-	Positive control primer pair exchanged for increased HLA-specific amplification.
44	-	Added	3'-primer added for the A*68:159Q allele.
45	-	Added	3'-primer added for the A*68:159Q allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

A*68:01 to A*68:174, 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, 2018-January-19, release 3.31.0.

The HLA-A*68 kit enables separation of the confirmed HLA-A*68 alleles as listed in the IMGT/HLA database 3.25.0. 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 null and alternatively expressed alleles.

The following HLA-A*68 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
A*68:19, 68:158	15	A*68:68, 68:106	39
A*68:52, 68:142N	46	A*68:99, 68:101	42

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>.

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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 suggestions received.