

## Olerup SSP® HLA-A\*68

<b>Product number:</b>	101.418-12/04 – including <i>Taq</i> pol. 101.418-12u/04u – without <i>Taq</i> pol.
<b>Lot number:</b>	2K9
<b>Expiry date:</b>	2023-10-01
<b>Number of tests:</b>	12 tests – Product No. 101.418-12/12u 4 tests – Product No. 101.418-04/04u
<b>Number of wells per test:</b>	47+1

### CHANGES COMPARED TO THE PREVIOUS HLA-A\*68 LOT (4H8):

Well	5'-primer	3'-primer	rationale
1	Exchanged	-	5'-primer exchanged for improved yield of the A*68:35 allele.

**THE NUMBER OF WELLS** is unchanged.

#### ALLELE COVERAGE:

A\*68:01 to A\*68:210N, i.e. all the currently recognized HLA-A\*68 alleles, will be amplified by the primers in the HLA-A\*68 subtyping kit<sup>1</sup>, [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2019-April-17, release 3.36.0.

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 many 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

<sup>1</sup>Alleles 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.

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

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**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:**

In primer mix 1, a 5'-primer was exchanged for improved yield of the A\*68:35 allele.