Olerup SSP® HLA-A*29

Product number:	**101.428-12 – including *Taq* polymerase** **101.428-12u – without *Taq* polymerase**
Lot number:	**3H6**
Expiry date:	**2021-09-01**
Number of tests:	**12**
Number of wells per test:	**29+1**

CHANGES COMPARED TO THE PREVIOUS HLA-A*29 LOT (9F9):

Well	5'-primer	3'-primer	rationale
6	Moved	Moved	Primer pair moved to primer mix 29 for decreased primer oligomer formation.
7	Moved	Moved	Primer pair moved to primer mix 29.
28	Added	Added	Negative control moved to primer mix 30. Primer pair added for the A*29:112N allele.
29	Added	Added	Primer pair added from primer mix 6. Primer pair added from primer mix 7.
30	-	-	Negative control added from well 28.

THE NUMBER OF WELLS is increased from 28 to 30 wells.

ALLELE COVERAGE:
A*29:01 to A*29:121, i.e. all the currently recognized HLA-A*29 alleles, will be amplified by the primers in the HLA-A*29 subtyping kit[1]; www.ebi.ac.uk/imgt/hla, 2018-October-18, release 3.34.0.

The HLA-A*29 kit enables separation of the confirmed HLA-A*29 alleles as listed in the IMGT/HLA database 3.29.0. 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*29 kit also enables identification of null and alternatively expressed alleles.

The following HLA-A*29 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
A*29:07, 29:46	8
A*29:11, 29:92	13
A*29:20, 29:82	29

[1]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.

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RESOLUTION IN HLA-A*29 HOMO- AND HETEROZYGOTES:
Excellent.

INFLUENCE ON THE INTERPRETATION OF HLA-A*29 SUBTYPINGS BY NON-HLA-A*29 ALLELES:
None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:
None.