

HLA-A*29
101.428-12 – including *Taq* polymerase
101.428-12u – without *Taq* polymerase
Lot No.: 9F9

Olerup SSP® HLA-A*29

Product number: 101.428-12 – including *Taq* polymerase
 101.428-12u – without *Taq* polymerase
Lot number: 9F9
Expiry date: 2020-06-01
Number of tests: 12
Number of wells per test: 27+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*29 LOT (7D7):

Well	5'-primer	3'-primer	rationale
6	-	-	Exchange of positive control primer pair for decreased tendency of primer oligomer formation.
7	-	Added	3'-primers added for the A*29:82 and A*29:06 alleles.
23	Added	-	5'-primer added for the A*29:81 allele.
24	Added	Added	Negative control moved to well 28, primer pair added for the A*29:71 allele.
25	New	New	New primer pair added for the A*29:90 allele.
26	New	New	New primer pair added for the A*29:103 allele.
27	New	New	New primer pair added for the A*29:81 allele.
28	-	-	Negative control added from well 24.

THE NUMBER OF WELLS is increased from 24 to 28 wells.

ALLELE COVERAGE:

A*29:01 to A*29:103, i.e. all the currently recognized HLA-A*29 alleles, will be amplified by the primers in the HLA-A*29 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2017-August-10, release 3.29.0.

The HLA-A*29 kit enables separation of the confirmed HLA-A*29 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. Current allele confirmation status for HLA-A*29 alleles is listed below.

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*29:06, 29:34	7
A*29:07, 29:46	8
A*29:11, 29:92	13
A*29:20, 29:82	7

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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*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:

In primer mix 7, a 3'-primer was added for the A*29:06 allele.