

Olerup SSP® HLA-A*30

Product number: 101.429-12 – including *Taq* polymerase
101.429-12u – without *Taq* polymerase
Lot number: 1H7
Expiry date: 2021-05-01
Number of tests: 12
Number of wells per test: 31+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*30 LOT (8E1).

Well	5'-primer	3'-primer	rationale
6	Added	Added	Primer pair added from well 28.
7	Modified	Exchanged	5'-primer modified, 3'-primer exchanged for improved HLA-specific amplification.
12	-	-	Positive control primer pair exchanged for decreased tendency of primer oligomer formation.
14	Added	Added	Primer pair added from well 28.
19	-	Moved	3'-primer moved to well 24 for improved HLA-specific amplification.
23	Added	-	5'-primer added for the A*30:123N allele.
24	-	Added	3'-primer added from well 19.
26	-	Added	3'-primer added for the A*30:121N allele.
27	Added	Added	Primer pair added for the A*30:132N allele.
28	Moved, Added	Moved, Added	Primer pair moved to well 6 and well 14, primer pair added for the A*30:130N allele.
29	-	Added	3'-primer added for the A*30:121N allele.
30	Added	-	5'-primer added for the A*30:123N allele.
31	Added	-	5'-primer added for the A*30:101Q allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

A*30:01 to A*30:132N, i.e. all the currently recognized HLA-A*30 alleles, will be amplified by the primers in the HLA-A*30 subtyping kit; www.ebi.ac.uk/imgt/hla, 2018-July-11, release 3.33.0¹.

The HLA-A*30 kit enables separation of the confirmed HLA-A*30 alleles as listed in the IMGT/HLA database 3.26.0. 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*30 kit also enables identification of null and alternatively expressed alleles.

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The following HLA-A*30 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
A*30:42, 30:81	26
A*30:56, 30:132N	27

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*30 HOMO- AND HETEROZYGOTES:

The A*30:01,30:01, A*30:01,30:02 and A*30:02,30:02 genotypes give rise to unique amplification patterns.

INFLUENCE ON THE INTERPRETATION OF HLA-A*30 SUBTYPINGS BY NON-HLA-A*30 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.