

Olerup SSP® HLA-A*30

Product number: 101.429-12 – including *Taq* polymerase
 101.429-12u – without *Taq* polymerase
Lot number: 8E1
Expiry date: 2019-07-01
Number of tests: 12
Number of wells per test: 31+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*30 LOT (45Y).

Well	5'-primer	3'-primer	rationale
8	Removed	Modified	5'-primer removed, 3'-primer modified for improved HLA-specific amplification.
16	Added	-	5'-primer added for the A*30:95 allele.
21	Added, Modified	-	5'-primer added for the A*30:100 allele, 5'-primer modified for improved HLA-specific amplification.
24	-	Added	3'-primer added for the A*30:90 allele.
25	Added	Added	Primer pair added for the A*30:95 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

A*30:01 to A*30:107, 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, 2016-October-14, release 3.26.0¹.

The HLA-A*30 kit enables separation of the confirmed HLA-A*30 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.

The HLA-A*30 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

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

The HLA-A*30 kit cannot distinguish silent mutations in the A*30:01:01-A*30:01:11 alleles, the 30:02:01:01-30:02:04, 30:02:06-30:02:11, 30:02:13 and 30:02:15-30:02:19, the A*30:04:01-30:04:02 or the A*30:11:01-30:11:02 alleles.

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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*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.