

Olerup SSP® HLA-A*32

Product number: 101.431-12 – including *Taq* polymerase
 101.431-12u – without *Taq* polymerase

Lot number: 5E4

Expiry date: 2019-05-01

Number of tests: 12

Number of wells per test: 29+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*32 LOT (96X):

Well	5'-primer	3'-primer	rationale
2	Exchanged	Removed, Added	5'-primer exchanged and 3'-primer removed for improved HLA-specific amplification, 3'-primer added for the A*32:71 allele.
9	Added	-	5'-primer added for the A*32:72 allele.
28	Added	Added	Negative control moved to well 30, primer pair added for the A*32:69 allele.
29	New	New	New primer pair added for the A*32:74 allele.
30	-	-	Negative control added from well 28

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

ALLELE COVERAGE:

A*32:01 to A*32:86, i.e. all the currently recognized HLA-A*32 alleles, will be amplified by the primers in the HLA-A*32 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2016-July-14, release 3.25.0.

The HLA-A*32 kit enables separation of the confirmed HLA-A*32 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*32 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*32 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
A*32:10, 32:16	12
A*32:21, 32:44	17
A*32:23, 32:54	20
A*32:28, 32:53	23

The HLA-A*32 subtyping kit cannot distinguish the following silent mutations: the A*32:01:01-32:01:17, 32:01:19-32:01:23 and the 32:55:01-32:55:02 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*32 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-A*32 SUBTYPINGS BY NON-HLA-A*32 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.