

Lot No.: **84S**

Olerup SSP[®] HLA-A*32

Product number: 101.431-12 – including *Taq* polymerase
101.431-12u – without *Taq* polymerase
Lot number: 84S
Expiry date: 2016-April-01
Number of tests: 12
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-A*32 LOT (48N):

Well	5'-primer	3'-primer	rationale
1	Added	-	5'-primer added for the A*32:01:15 allele.
13	-	Exchanged	Exchanged 3'-primer for the A*32:11Q allele.
17	-	Added	3'-primer added for the A*32:44 allele.
19	Added	Added	Primer pair added for the A*32:45N allele.
20	Added	Added	Primer pair added for the A*32:54 allele.
22	-	Added	3'-primer added for the A*32:56N allele.
23	Added	Added	Primer pair added for the A*32:53 allele.
24	New	New	New primer pairs for the A*32:48N and A*32:56N alleles.

THE NUMBER OF WELLS is increased from 23 to 24.

ALLELE COVERAGE:

A*32:01 to A*32:58, i.e. all the currently recognized HLA-A*32 alleles, will be amplified by the primers in the HLA-A*32 subtyping kit; www.ebi.ac.uk/imgt/hla, 2013-July-25, release 3.13.1.

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 HLA-A*32 subtyping kit cannot distinguish the following silent mutations: the A*32:01:01-32:01:05 and 32:01:07-32:01:15 alleles.

The A*32:21 and A*32:44 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 17.

The A*32:23 and A*32:54 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 20.

The A*32:28 and A*32:53 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 23.

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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.