

Lot No.: **19S**

Olerup SSP® HLA-A*33

Product number: 101.432-12 – including *Taq* polymerase
101.432-12u – without *Taq* polymerase
Lot number: 19S
Expiry date: 2015-November-01
Number of tests: 12
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-A*33 LOT (42N):

Well	5'-primer	3'-primer	rationale
6	-	Added	3'-primer added for the A*33:58 allele.
8	Exchanged	-	5'-primer exchanged to decrease unspecific amplifications.
9	-	Added	3'-primer added for the A*33:58 allele.
10	-	Added, Exchanged	3'-primer added for the A*33:42 allele, exchanged 3'-primer for resolution of the A*33:08 allele
12	-	Added	3'-primer added for the A*33:42 allele
17	-	Exchanged	3'-primer exchanged for the A*33:18:02 allele.
22	-	Modified	Increased yield of specific PCR product.
23	Added	Added	Primer pair added for the A*33:52 allele

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

A*33:01 to A*33:67, i.e. all the currently recognized HLA-A*33 alleles, will be amplified by the primers in the HLA-A*33 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2013-January-11, release 3.11.0.

The HLA-A*33 kit enables separation of the confirmed HLA-A*33 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*33 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*33 subtyping kit cannot distinguish the following silent mutations: the A*33:01:01-33:01:07, the A*33:03:01-33:03:013 or the 33:18:01-33:18:02 alleles.

The A*33:29 and 33:39 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 20.

The A*33:31 and 33:44 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 22.

101.432-12 – including *Taq* polymerase**101.432-12u – without *Taq* polymerase****Lot No.: 19S**

The A*33:09 and the A*02:309, 26:22 and 66:09 alleles, the A*33:51 and A*66:15 alleles and the A*33:53, 31:02 and 31:07-31:08 alleles give rise to identical amplification patterns with the HLA-A*33 subtyping kit. These alleles can be distinguished by e.g. the HLA-A low resolution kit and/or the HLA-A*02, HLA-A*26, HLA-A*31 and HLA-A*66 subtyping kits.

RESOLUTION IN HLA-A*33 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-A*33 SUBTYPINGS BY NON-HLA-A*33 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.