

Olerup SSP® HLA-A*33

Product number: 101.432-12 – including Taq polymerase
 101.432-12u – without Taq polymerase
Lot number: 7F1
Expiry date: 2020-04-01
Number of tests: 12
Number of wells per test: 31+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*33 LOT (5D2):

Well	5'-primer	3'-primer	rationale
7	Added	-	5'-primer added for the A*33:119 allele.
21	Added	-	5'-primer added for the A*33:129N allele.
22	Added	Added	Primer pair added for the A*33:123N allele.
25	Added	-	5'-primers added for the A*33:109 and 33:129N alleles.
26	-	Added	3'-primer added for the A*33:111 allele.
27	Added	-	5'-primer added for the A*33:109 allele.
28	Added	-	5'-primer added for the A*33:123N allele.
31	Added	Added	Primer pair added for the A*33:68 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

A*33:01 to A*33:130, i.e. all the currently recognized HLA-A*33 alleles, will be amplified by the primers in the HLA-A*33 SSP kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2017-August-10, release 3.29.0.

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 following HLA-A*33 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
A*33:03:03Q, 33:86	30	A*33:29, 33:39	20
A*33:08, 31:99	10	A*33:30, 33:73N	21
A*33:11, 33:80N	12	A*33:31, 33:44	22
A*33:16, 33:64	15		

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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>.

²The A*33:09 and the A*02:309, 26:22 and 66:09 alleles, the A*33:51, 33:119 and A*66:15 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 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.