

## Olerup SSP<sup>®</sup> HLA-A\*33

**Product number:** 101.432-12 – including *Taq* polymerase  
101.432-12u – without *Taq* polymerase  
**Lot number:** 42N  
**Expiry date:** 2014-September-01  
**Number of tests:** 12  
**Number of wells per test:** 24

### CHANGES COMPARED TO THE PREVIOUS HLA-A\*33 LOT (81K):

Well	5'-primer	3'-primer	rationale
7	Added	-	5'-primer added for the A*33:51 allele.
12	Added	Added	Added primer pair for the A*33:36 allele.
16	Added	Added	Added primer pair for the A*33:36 allele.
20	Added	Added	Added primer pair for the A*33:39 allele.
22	-	Added	3'-primer added for the A*33:38 and A*33:44 alleles.
24	-	Added	3'-primer added for the A*33:54 alleles.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

A\*33:01 to A\*33:54, i.e. all the currently recognized HLA-A\*33 alleles, will be amplified by the primers in the HLA-A\*33 SSP kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2012-January-12, release 3.7.0.

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\*33:01:01-33:01:06 or the A\*33:03:01-33:03:09 alleles.

<sup>1</sup>The A\*33:08 and the A\*02:309, 26:22 and 66:09 alleles and the A\*33:51 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.

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**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.