Olerup SSP® HLA-A*66

Product number:	**101.427-06 – including T*aq* polymerase** **101.427-06u – without *Taq* polymerase**
Lot number:	**55Y**
Expiry date:	**2017-December-01**
Number of tests:	**6**
Number of wells per test:	**15+1**

CHANGES COMPARED TO THE PREVIOUS HLA-A*66 LOT (21V):

Well	5'-primer	3'-primer	rationale
1	-	Added	3'-primer added for the A*66:01:02 allele.
5	Exchanged	Moved	3'-primers moved to wells 11 and 15 for decreased tendency of primer oligomer formation, 5'-primer exchanged for increased yield.
11	-	Added	3'-primers added from well 5.
13	-	Added	3'-primers added for the A*66:22 allele.
15	Modified	Added	3'-primer added for the A*66:22, 3'-primers added from well 5, 5'-primer modified for improved HLA-specific amplification.
16	-	-	Updated negative control.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
A*66:01 to A*66:22, i.e. all the currently recognized HLA-A*66 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2015-April-17[1,2], release 3.20.0.

The HLA-A*66 kit enables separation of the confirmed HLA-A*66 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. Current allele confirmation status for HLA-A*66 alleles is listed below.

The HLA-A*66 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*66 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
A*66:08, 66:17	12
A*66:13, 66:19	13

[1]HLA-A alleles listed on the IMGT/HLA web page 2015-April-17, release 3.20.0, www.ebi.ac.uk/imgt/hla.
[2]Alleles 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*66 HOMO- AND HETEROZYGOTES:
Good.

INFLUENCE ON THE INTERPRETATION OF HLA-A*66 SUBTYPINGS BY NON-HLA-A*66 ALLELES:
None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:
No modifications made.