

## **Olerup SSP® HLA-A\*66**

<b>Product number:</b>	<b>101.427-06 – including <i>Taq</i> polymerase</b> <b>101.427-06u – without <i>Taq</i> polymerase</b>
<b>Lot number:</b>	<b>2G4</b>
<b>Expiry date:</b>	<b>2020-10-01</b>
<b>Number of tests:</b>	<b>6</b>
<b>Number of wells per test:</b>	<b>15+1</b>

### **CHANGES COMPARED TO THE PREVIOUS HLA-A\*66 LOT (9E5):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
10	Added	Modified, added	3'-primer modified for improved HLA-specific amplification, primer pair added for the A*66:28N allele.

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

A\*66:01 to A\*66:28N, i.e. all the currently recognized HLA-A\*66 alleles, give rise to unique amplification patterns; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2017-October-27<sup>1,2</sup>, release 3.30.0.

The HLA-A\*66 kit enables separation of the confirmed HLA-A\*66 alleles as listed in the IMGT/HLA database 3.26.0. 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:

<b>Alleles</b>	<b>Primer mix</b>
A*66:08, 66:17	12
A*66:13, 66:19	13

<sup>1</sup>HLA-A alleles listed on the IMGT/HLA web page 2017-October-27, release 3.30.0, [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla).

<sup>2</sup>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.

**HLA-A\*66**

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**101.427-06u – without *Taq* polymerase**

**Lot No.: 2G4**

**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.