

101.567-12 – including *Taq* polymerase

101.567-12u – without *Taq* polymerase

Lot No.: **01V**

## **Olerup SSP® HLA-B\*57**

<b>Product number:</b>	<b>101.567-12 – including <i>Taq</i> polymerase</b> <b>101.567-12u - without <i>Taq</i> polymerase</b>
<b>Lot number:</b>	<b>01V</b>
<b>Expiry date:</b>	<b>2016-May-01</b>
<b>Number of tests:</b>	<b>12</b>
<b>Number of wells per test:</b>	<b>23+1</b>

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*57 LOT (45R):**

The primers of the wells detailed below have been exchanged, added or modified compared to the previous lot.

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
7	Added	Added	Primer pair added from well 24.
15	Modified	-	5'-primer modified to decrease tendency of unspecific amplification.
19	-	Added	3'-primer added from well 20.
20	-	Moved	3'-primer moved to well 19.
21	Modified	-	5'-primer modified to decrease tendency of unspecific amplification.
22	Added	Added	Primer pair added for the B*57:40 allele.
24	Moved, added	Moved, added	Primer pair moved to well 7, negative control.

**THE NUMBER OF WELLS** is unchanged.

#### **ALLELE COVERAGE:**

B\*57:01 to B\*57:65, i.e. all the currently recognized HLA-B\*57 alleles, will be amplified by the primers in the HLA-B\*57 subtyping kit; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2013-July-25, release 3.13.1<sup>1,2</sup>.

The HLA-B\*57 kit enables separation of the confirmed HLA-B\*57 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-B\*57 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

<sup>1</sup>The following HLA-B57 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

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Alleles	Primer mix
B*57:15, 57:37, 57:55	7
B*57:25, 57:41	19

The HLA-B\*57 subtyping kit cannot distinguish the silent mutations in the B\*57:01:01-57:01:04 and 57:01:06-57:01:15 alleles, the B\*57:02:01-57:02:02 alleles or the B\*57:03:01-57:03:02 alleles.

**RESOLUTION IN HLA-B\*57 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*57 SUBTYPINGS BY NON-HLA-B\*57 ALLELES:**

None frequently occurring.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No comments received.