

101.567-12 – including *Taq* polymerase

101.567-12u – without *Taq* polymerase

Lot No.: **28X**

## **Olerup SSP<sup>®</sup> HLA-B\*57**

**Product number:** 101.567-12 – including *Taq* polymerase  
 101.567-12u - without *Taq* polymerase

**Lot number:** 28X

**Expiry date:** 2017-April-01

**Number of tests:** 12

**Number of wells per test:** 27+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*57 LOT (01V):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
11	-	Exchanged	3'-primer exchanged for improved allelic resolution.
24	Added	Added	Negative Control moved to well 28, primer pair added for the B*57:40 allele.
25	New	New	New primer pair for the B*57:44 allele.
26	New	New	New primer pair for the B*57:58 allele.
27	New	New	New primer pair for the B*57:61 allele.
28	-	-	Updated negative control added from well 24.

**THE NUMBER OF WELLS** is increased from 24 to 28 wells.

### **ALLELE COVERAGE:**

B\*57:01 to B\*57:70, 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), 2014-April-14, release 3.16.0<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.

The following HLA-B\*57 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

<b>Alleles</b>	<b>Primer mix</b>
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 57:01:06-57:01:18 alleles, the B\*57:02:01-57:02:02 alleles or the B\*57:03:01-57:03:02 alleles.

101.567-12 – including *Taq* polymerase

101.567-12u – without *Taq* polymerase

Lot No.: **28X**

<sup>1</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>.

<sup>2</sup>The B\*57:45, 57:62 and 57:69 and the B\*35:208 and B\*58:144 alleles will give rise to identical amplification patterns. These alleles can e.g. be distinguished by the HLA-B low resolution kit and/or the HLA-B\*35 and HLA-B\*58 high resolution kit.

**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.