

## **Olerup SSP® HLA-B\*56**

<b>Product number:</b>	<b>101.571-06 – including <i>Taq</i> polymerase</b> <b>101.571-06u – without <i>Taq</i> polymerase</b>
<b>Lot number:</b>	<b>2D0</b>
<b>Expiry date:</b>	<b>2018-June-01</b>
<b>Number of tests:</b>	<b>6</b>
<b>Number of Wells per test:</b>	<b>23+1</b>

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*56 LOT (39V):**

Well	5'-primer	3'-primer	rationale
19	Modified	Added	5'-primer modified for improved HLA-specific amplification, 3'-primer added for improved allelic resolution of the B*56:14 allele.
24	-	-	Updated negative control.

**THE NUMBER OF WELLS** is unchanged.

#### ALLELE COVERAGE:

B\*56:01 to B\*56:49, i.e. all the currently recognized HLA-B\*56 alleles, will be amplified by the primers in the HLA-B\*56 subtyping kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2015-August-11, release 3.21.1.

The HLA-B\*56 kit enables separation of the confirmed HLA-B\*56 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\*56 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\*56 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*56:17, 56:26	21
B*56:18, 07:65	22
B*56:19N, 56:29	19

The HLA-B\*56 subtyping kit cannot distinguish the silent mutations in the B\*56:01:01-56:01:08 alleles and the B\*56:20:01-56:20:02 alleles.

<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 HLA-B\*56 primer set cannot separate the B\*56:09 and B\*35:78 alleles. These alleles can be distinguished by the HLA-B low resolution and/or B\*35 kits.

101.571-06 – including *Taq* polymerase

101.571-06u – without *Taq* polymerase

Lot No.: **2D0**

The HLA-B\*56 primer set cannot separate the B\*56:23 and B\*55:31 alleles. These alleles can be distinguished by the HLA-B low resolution and/or B\*55 kits.

**RESOLUTION IN HLA-B\*56 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*56 SUBTYPINGS BY NON-HLA-B\*56 ALLELES:**

None frequently occurring.

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

No comments received.