

**101.515-12 – including *Taq* polymerase**

**101.515-12u – without *Taq* polymerase**

**Lot No.: 54Y**

## **Olerup SSP® HLA-B\*13**

**Product number:** 101.515-12 – including *Taq* polymerase  
101.515-12u - without *Taq* polymerase

**Lot number:** 54Y

**Expiry date:** 2017-December-01

**Number of tests:** 12

**Number of wells per test:** 30+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*13 LOT (56V):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
6	-	Added	3'-primer added for the B*13:56:02N allele.
8	Moved	Moved	Primer pair moved to well 30 for decreased tendency of primer oligomer formation.
12	Modified	-	5'-primer modified for increased HLA-specific amplification.
13	Modified	Added	5'-primer modified for increased HLA-specific amplification, 3'-primer added for the B*13:57 allele.
15	Moved	Moved	Primer pair for B*13:55 moved to well 29.
16	-	Added	3'-primer added for the B*13:57 allele.
19	Added	-	5'-primer added for the B*13:76N
29	Added	Added	Updated negative control moved to well 31, primer pair added from well 15 for the B*13:55 allele.
30	Added	Added	Primer pair added from well 8.
31	-	-	Updated negative control added from well 29.

**THE NUMBER OF WELLS** is increased from 30 to 31 wells.

### **ALLELE COVERAGE:**

B\*13:01 to B\*13:83, i.e. all the currently recognized HLA-B\*13 alleles, will be amplified by the primers in the HLA-B\*13 subtyping kit; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2015-April-17<sup>1</sup>, release 3.20.0.

The HLA-B\*13 kit enables separation of the confirmed HLA-B\*13 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\*13 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles

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The HLA-B\*13 kit cannot distinguish the silent mutations in the B\*13:01:01-13:01:10 alleles, the 13:02:01-13:02:18 alleles, the B\*13:13:01-13:13:02 alleles, the B\*13:26:01-13:26:02 alleles or the B\*13:56:01N-13:56:02N alleles.

The following HLA-B\*13 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

<b>Alleles</b>	<b>Primer mix</b>
B*13:12:01, 13:52	13
B*13:15, 13:33	16
B*13:27, 13:49N	17
B*13:34, 13:38	19

<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>.

**RESOLUTION IN HLA-B\*13 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*13 SUBTYPINGS BY NON-HLA-B\*13 ALLELES:**

None frequently occurring.

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

No modifications made.