

## **Olerup SSP® HLA-B\*13**

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

**Lot number:** 56V

**Expiry date:** 2016-September-01

**Number of tests:** 12

**Number of wells per test:** 28+1

**CHANGES COMPARED TO THE PREVIOUS HLA-B\*13 LOT (37R):**

Well	5'-primer	3'-primer	rationale
25	New	New	New primer pairs for the B*13:70 and B*13:64 alleles.
26	New	New	New primer pairs for the B*13:47 and B*13:50 alleles.
27	New	New	New primer pairs for the B*13:61 and B*13:69 alleles.
28	New	New	New primer pair for the B*13:63N allele.
29	New	New	Negative Control

**THE NUMBER OF WELLS** is increased from 25 to 29 wells.

**ALLELE COVERAGE:**

B\*13:01 to B\*13:73, 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), 2014-January-17<sup>1</sup>, release 3.15.0.

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

The HLA-B\*13 kit cannot distinguish the silent mutations in the B\*13:01:01-13:01:08 alleles, the 13:02:01-13:02:16 or the B\*13:26:01-13:26:02 alleles.

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

Alleles	Primer mix
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

101.515-12 – including *Taq* polymerase

101.515-12u – without *Taq* polymerase

Lot No.: **56V**

<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.