

## **Olerup SSP® HLA-B\*18**

**Product number:** 101.519-12 – including *Taq* polymerase  
 101.519-12u - without *Taq* polymerase

**Lot number:** 56X

**Expiry date:** 2017-July-01

**Number of tests:** 12

**Number of wells per test:** 31+1

**CHANGES COMPARED TO THE PREVIOUS HLA-B\*18 LOT (95S):**

Well	5'-primer	3'-primer	rationale
10	Added	-	5'-primer added from well 32.
26	Added	-	Exchanged positive control primer pair.
32	Moved	Removed	5'-primer moved to well 10, 3'-primer removed, negative control.

**THE NUMBER OF WELLS** is unchanged.

**ALLELE COVERAGE:**

B\*18:01 to B\*18:91, i.e. all the currently recognized HLA-B\*18 alleles, will be amplified by the primers in the HLA-B\*18 subtyping kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2013-July-25 release 3.13.1.

The HLA-B\*18 kit enables separation of the confirmed HLA-B\*18 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\*18 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\*18 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
B*18:23N, 18:28	10	B*18:38, 18:45	28
B*18:34, 18:52	30	B*18:40, 18:51	23
B*18:36, 18:67	11	B*18:42, 18:43	26
B*18:37, 18:46	27		

The HLA-B\*18 kit cannot distinguish the silent mutations in the B\*18:01:01-18:01:18, the B\*18:07:01-18:07:02 or the B\*18:44:01-18:44:02 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>.

**101.519-12 – including *Taq* polymerase****101.519-12u – without *Taq* polymerase****Lot No.: 56X****RESOLUTION IN HLA-B\*18 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*18 SUBTYPINGS BY NON-HLA-B\*18 ALLELES:**

The B\*08:xx,18:01 and B\*08:xx,18:26 genotypes give rise to the same amplification patterns.

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

No comments received.