

## **Olerup SSP® HLA-B\*18**

**Product number:** 101.519-12 – including *Taq* polymerase  
101.519-12u - without *Taq* polymerase  
**Lot number:** 32M  
**Expiry date:** 2013-December-01  
**Number of tests:** 12  
**Number of wells per test:** 32

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*18 LOT (33K):**

Well	5'-primer	3'-primer	rationale
23	-	Added	Primer added for the B*18:51 allele.
26	Added	-	Primer from well 29.
29	Moved, added	Moved, added	Primer pair moved to well 26, new primer pair for the B*18:50 allele.
30	Added	Added	Primer pair added for the B*18:52 allele.
32	-	Exchanged	Exchanged 3'-primer, to decrease primer oligomer formation.

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

B\*18:01 to B\*18:52, i.e. all the currently recognized HLA-B\*18 alleles, give rise to unique amplification patterns<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2010-October-20 release 3.2.0.

<sup>1</sup>The B\*18:18 and 18:47 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 17.

The B\*18:34 and 18:52 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 30.

The B\*18:37 and 18:46 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 27.

The B\*18:38 and 18:45 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 28.

The B\*18:40 and 18:51 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 23.

The B\*18:42 and 18:43 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 26.

### **RESOLUTION IN HLA-B\*18 HOMO- AND HETEROZYGOTES:**

The B\*18:01,18:01 genotype gives rise to a unique amplification pattern.

### **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.