

101.548-06 – including *Taq* polymerase

101.548-06u – without *Taq* polymerase

Lot No.: **5D5**

## **Olerup SSP® HLA-B\*50**

**Product number:** 101.548-06 – including *Taq* polymerase  
 101.548-06u – without *Taq* polymerase

**Lot number:** 5D5

**Expiry date:** 2018-11-01

**Number of tests:** 6

**Number of wells per test:** 21+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*50 LOT (79X):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
15	-	Modified	Modified 3'-primer for improved HLA-specific amplification.
17	-	Added	3'-primer added for the B*50:40 allele.
21	Added	Added	Updated negative control moved to well 22, primer pairs added for the B*50:39 and B*50:41 alleles.
22	-	-	Updated negative control added from well 21.

**THE NUMBER OF WELLS** is increased from 21 to 22 wells.

### **ALLELE COVERAGE:**

B\*50:01 to B\*50:43, i.e. all the currently recognized HLA-B\*50 alleles, will be amplified by the primers in the HLA-B\*50 SSP kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2015-October-10, release 3.22.0.

The HLA-B\*50 kit enables separation of the confirmed HLA-B\*50 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\*50 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\*50 subtyping kit cannot distinguish the silent mutations in the B\*50:01:01-50:01:07 alleles.

The B\*50:33 and the B\*41:21 alleles will give rise to identical amplification patterns with the HLA-B\*50 subtyping kit. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B\*41 subtyping kit.

<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\*50 HOMO- AND HETEROZYGOTES:**

Very good.

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**INFLUENCE ON THE INTERPRETATION OF HLA-B\*50 SUBTYPINGS BY NON-HLA-B\*50 ALLELES:**

None frequently occurring.

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

No comments received.