

**101.547-06 – including *Taq* polymerase**

**101.547-06u – without *Taq* polymerase**

**Lot No.: 3D2**

## **Olerup SSP® HLA-B\*49**

**Product number:** 101.547-06 – including *Taq* polymerase  
101.547-06u – without *Taq* polymerase  
**Lot number:** 3D2  
**Expiry date:** 2018-June-01  
**Number of tests:** 6  
**Number of wells per test:** 19+1

The HLA-B\*49 primer set is unchanged compared to the previous Olerup SSP® HLA-B\*49 (Lot No. 25Y)

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

B\*49:01 to B\*49:39, i.e. all the currently recognized HLA-B\*49 alleles, will be amplified by the primers in the HLA-B\*49 SSP kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2015-August-11, release 3.21.1.

The HLA-B\*49 kit enables separation of the confirmed HLA-B\*49 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\*49 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\*49 subtyping kit cannot distinguish the silent mutations in the B\*49:01:01 to B\*49:01:08 alleles.

The following HLA-B\*49 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

<b>Alleles</b>	<b>Primer mix</b>
B*49:07, B*49:21	9
B*49:08, B*49:16	10
B*49:13, B*49:14	15

<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\*49 HOMO- AND HETEROZYGOTES:**

Excellent.

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**INFLUENCE ON THE INTERPRETATION OF HLA-B\*49 SUBTYPINGS BY NON-HLA-B\*49 ALLELES:**

None of importance.

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

No comments received.