

## Olerup SSP® HLA-B\*49

**Product number:** 101.547-06 – including *Taq* polymerase  
101.547-06u – without *Taq* polymerase  
**Lot number:** 7R7  
**Expiry date:** 2027-02-01  
**Number of tests:** 6  
**Number of wells per test:** 22+1

### CHANGES COMPARED TO THE PREVIOUS HLA-B\*49 LOT (8L4):

Well	5'-primer	3'-primer	rationale
22	Added	Added	New primer pair for the *49:73 allele. Negative control moved to vial 23.

**THE NUMBER OF WELLS** is increased from 22 to 23.

### ALLELE COVERAGE:

B\*49:01 to B\*49:78, i.e. all the currently recognized HLA-B\*49 alleles, will be amplified by the primers in the HLA-B\*49 SSP kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2023-January-12, release 3.51.0.

The HLA-B\*49 kit enables separation of the confirmed HLA-B\*49 alleles as listed in the IMGT/HLA database 3.25.0. 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 many null and alternatively expressed alleles.

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

Alleles	Primer mix
B*49:07, 49:21	9
B*49:08, 49:16	10
B*49:13, 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>.

<sup>2</sup>The following alleles will give rise to identical amplification patterns. These alleles can be distinguished by the HLA-B low resolution kit and/or the respective high-resolution kits.

### Alleles

B\*49:73, B\*59:12



**0197**

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**RESOLUTION IN HLA-B\*49 HOMO- AND HETEROZYGOTES:**

Excellent.

**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.



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For *In Vitro* Diagnostic Use

MA125 v01 SSP Release Note Template

Date: March 2023, Rev. No: 00