**Release Note** 

HLA-B\*49 101.547-06 - including Taq polymerase 101.547-06u – without Taq polymerase Lot No.: 7R7

## **Olerup SSP® HLA-B\*49**

Product number:	101.547-06 – including <i>Taq</i> polymerase
	101.547-06u – without <i>Taq</i> 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, 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:

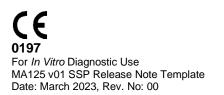
Alleles	Primer mix
B*49:07, 49:21	9
B*49:08, 49:16	10
B*49:13, 49:14	15

<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



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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.

