

101.566-12/04 – including *Taq* polymerase  
101.566-12u/04u – without *Taq* polymerase

Lot No.: 2H5

## Olerup SSP<sup>®</sup> HLA-B\*39

**Product number:** 101.566-12/04 – including *Taq* pol.  
101.566-12u/04u – without *Taq* pol.  
**Lot number:** 2H5  
**Expiry date:** 2022-12-01  
**Number of tests:** 12 tests – Product No. 101.566-12/12u  
4 tests – Product No. 101.566-04/04u  
**Number of wells per test:** 44+1

### Changes compared to the previous HLA-B\*39 Lot (9F5):

Well	5'-primer	3'-primer	rationale
30	-	Added	3'-primer added for the B*39:133N allele.
33	-	Added	3'-primer added for the B*39:133N allele.
44	Added	Added	Negative control moved to well 45, primer pair added for the B*39:139N allele.
45	-	-	Negative control added from well 44.

THE NUMBER OF WELLS is increased from 44 to 45 wells.

### ALLELE COVERAGE:

B\*39:01 to B\*39:141 i.e. all the currently recognized HLA-B\*39 alleles, will be amplified by the primers in the HLA-B\*39 subtyping kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-October-18 release 3.34.0.

The HLA-B\*39 kit enables separation of the confirmed HLA-B\*39 alleles as listed in the IMGT/HLA database 3.29.0. 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\*39 kit also enables identification of null and alternatively expressed alleles.

The following HLA-B\*39 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
B*39:01:05, 39:59	9	B*39:41, 39:77	13
B*39:19:02, 39:134	10	B*39:62, 39:64	30
B*39:25N, 39:44	17	B*39:87N, 39:93	33
B*39:26, 39:51	4		

<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 B\*39:82, 39:107, 39:136 and the B\*14:53 alleles will give rise to identical amplification patterns with the HLA-B\*39 subtyping kit. These alleles can be distinguished by the HLA-B low resolution and/or HLA-B\*14 kits.

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The B\*39:104 and the B\*38:41 alleles will give rise to identical amplification patterns with the HLA-B\*39 subtyping kit. These two alleles can be distinguished by the HLA-B low resolution and/or HLA-B\*38 kits.

**RESOLUTION IN HLA-B\*39 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*39 SUBTYPINGS BY NON-HLA-B\*39 ALLELES:**

None frequently occurring.

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

No comments received.

Changes in revision R01 compared to R00:

1. The expiration date has been altered due to extension of shelf-life.