

## Olerup SSP® HLA-B\*27

Product number:	101.521-24/04 – including <i>Taq</i> pol. 101.521-24u/04u – without <i>Taq</i> pol.
Lot number:	8G7
Expiry date:	2022-10-01
Number of tests:	24 test – Product No. 101.521-24/24u 4 tests – Product No. 101.521-04/04u
Number of wells per test:	46+1

### CHANGES COMPARED TO THE PREVIOUS HLA-B\*27 LOT (5F4):

Well	5'-primer	3'-primer	rationale
24	-	Modified	3'-primer modified for improved HLA-specific amplification. Primers have been optimized for improved separation of HLA-specific products and control.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

B\*27:01 to B\*27:175, i.e. all the currently recognized HLA-B\*27 alleles, will be amplified by the primers in the HLA-B\*27 SSP kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-July-11, release 3.33.0.

The HLA-B\*27 kit enables separation of the confirmed HLA-B\*27 alleles as listed in the IMGT/HLA database 3.28.0. 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\*27 kit also enables identification of null and alternatively expressed alleles.

The following HLA-B\*27 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*27:37, 27:55, 27:101	22
B*27:53, 27:119	13
B*27:69, 27:173	20
B*27:83, 27:134	35

<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\*27 HOMO- AND HETEROZYGOTES:

The B\*27:05,27:05 genotype gives rise to a unique amplification pattern.

**HLA-B\*27**

**101.521-24/04 – including *Taq* polymerase**

**101.521-24/04u – without *Taq* polymerase**

**Lot No.: 8G7**

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*27 SUBTYPINGS BY NON-HLA-B\*27 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.