

101.521-24/04 – including *Taq* polymerase101.521-24/04u – without *Taq* polymeraseLot No.: **8G7****Olerup SSP[®] HLA-B*27**

Product number: 101.521-24/04 – including *Taq* pol.
 101.521-24u/04u – without *Taq* pol.
Lot number: 8G7
Expiry date: 2021-04-01
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 kit¹; 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

¹Alleles 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.

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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.