

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:	4L1
Expiry date:	2024-07-01
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 (8G7):

Well	5'-primer	3'-primer	rationale
8	Added	-	5'-primer added for the B*27:05:38 allele.
23	Added	-	5'-primer added for the B*27:05:38 allele.
33	Added	-	5'-primer added for the B*27:84 allele.
45	Added	-	5'-primer added for the B*27:84 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*27:01 to B*27:226, i.e. all the currently recognized HLA-B*27 alleles, will be amplified by the primers in the HLA-B*27 SSP kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2020-April-20, release 3.40.0.

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 many 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>.

²The HLA-B*27 primer set cannot separate the following alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*40 high resolution kit.

Alleles

B*27:33, 40:50:01:01-40:50:01:02

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RESOLUTION IN HLA-B*27 HOMO- AND HETEROZYGOTES:

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

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.