

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:	8R2
Expiry date:	2027-03-01
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

The HLA-B*27 primer set is unchanged compared to the previous Olerup SSP[®] HLA-B*27 lot (Lot No. 9L4).

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*27:01 to B*27:265, 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, 2023-January-12, release 3.51.0.

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*27:14, 27:81	17
B*27:37, 27:55, 27:101	22
B*27:53, 27:119	13
B*27:60, 27:227	10
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 respectively the HLA-B*18 high resolution kits.

Alleles

B*27:33, 40:50:01:01-40:50:01:02
B*27:44, 18:165



0197

101.521-24/04 – including *Taq* polymerase

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

Lot No.: **8R2**

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.



0197

For *In Vitro* Diagnostic Use

MA125 v01 SSP Release Note Template

Date: April 2023, Rev. No: 00