101.521-24/04 – including *Taq* **polymerase**
101.521-24/04u – without *Taq* **polymerase**
Lot No.: 5D3

Olerup SSP® HLA-B*27

Product number:	**101.521-24/04 – including** *Taq* **pol.**
	101.521-24u/04u – without *Taq* **pol.**
Lot number:	**5D3**
Expiry date:	**2018-07-01**
Number of tests:	**24 test – Product No. 101.521-24**
	4 tests – Product No. 101.521-04
Number of wells per test:	**44+1**

CHANGES COMPARED TO THE PREVIOUS HLA-B*27 LOT (21X):

Well	5'-primer	3'-primer	rationale
27	Added	Added	Primer pair added for the B*27:104 allele.
31	-	Added	3'-primer added for the B*27:118 allele.
34	-	Added	3'-primer added for the B*27:118 allele.
35	-	Added	3'-primer added for the B*27:134 allele.
45	-	-	Updated Negative Control.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
B*27:01 to B*27:145, i.e. all the currently recognized HLA-B*27 alleles, will be amplified by the primers in the HLA-B*27 SSP kit[1]; www.ebi.ac.uk/imgt/hla, 2015-October-10, release 3.22.0.

The HLA-B*27 kit enables separation of the confirmed HLA-B*27 alleles as listed in the IMGT/HLA database. 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 polymorphisms in exons outside of the region encoding the peptide binding domain and 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*27:67, 27:123	29
B*27:83, 27:134	35

The HLA-B*27 subtyping kit cannot distinguish the following silent mutations: B*27:02:01-27:02:02, the B*27:04:01 and 27:04:04-24:04:05 alleles, the B*27:04:02-27:04:03, the B*27:05:02-27:05:03, B*27:05:05-27:05:19, 27:05:21-27:05:31, 27:90:01-27:90:03 and 27:96:01-27:96:02 alleles, the B*27:07:01-27:07:04 and the B*27:50:01-27:50:02 alleles.

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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.

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.