

## Olerup SSP® HLA-B\*27

**Product number:** 101.521-24/04 – including *Taq* pol.  
101.521-24u/04u – without *Taq* pol.  
**Lot number:** 77R  
**Expiry date:** 2015-August-01  
**Number of tests:** 24 test – Product No. 101.521-24  
4 tests – Product No. 101.521-04

### CHANGES COMPARED TO THE PREVIOUS HLA-B\*27 LOT (10N):

Well	5'-primer	3'-primer	rationale
4	Exchanged, added	-	5'-primer exchanged for Improved resolution, 5'-primer added for the B*27:05:18 allele.
15	Exchanged	-	5'-primer exchanged for Improved resolution
16	-	Exchanged	3'-primer exchanged for Improved resolution.
18	-	Moved	3'-primer for allele 27:32 moved to well 40
24	Exchanged, moved	Exchange, moved	New primer pair for the B*27:18 and B*27:29 alleles for improved resolution.
33	New added	New	New primer pair for the B*27:80 allele, 5'-primer added from for Improved resolution
34	New	New	New primer pair for the B*27:82 allele.
35	New	New	New primer pair for the B*27:83 allele.
36	New	New	New primer pair for the B*27:94N allele.
37	New	New	New primer pair for the B*27:97 allele.
38	New	New	Primer pair from well 24 added for improved resolution
39	New	New	Primer pair from well 23 added for improved
40	New	New	Primer pair from well 18 added for improved

**THE NUMBER OF WELLS** has been increased from 32 to 40

### ALLELE COVERAGE:

B\*27:01 to B\*27:99, i.e. all the currently recognized HLA-B\*27 alleles, will be amplified by the primers in the HLA-B\*27 SSP kit; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2012-October-14, release 3.10.0.

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

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The HLA-B\*27 subtyping kit cannot distinguish the following silent mutations: B\*27:02:01-27:02:02, the B\*27:04:02-27:04:03, the B\*27:05:02-27:05:03, the B\*27:05:05-27:05:19 and the B\*27:07:01-27:07:03.

**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.