

101.567-12 – including *Taq* polymerase

101.567-12u – without *Taq* polymerase

Lot No.: **94Y**

Olerup SSP® HLA-B*57

Product number: 101.567-12 – including *Taq* polymerase
101.567-12u – without *Taq* polymerase

Lot number: 94Y

Expiry date: 2018-April-01

Number of tests: 12

Number of wells per test: 30+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*57 LOT (28X):

Well	5'-primer	3'-primer	rationale
18	Moved	Moved	Primer pair moved to well 28 for the allelic resolution of B*57:73 allele.
25	Modified	Exchanged	5'-primer modified and 3'-primer exchanged for decreased tendency of primer oligomer formation.
28	Added	Added	Negative Control moved to well 31, primer pair added from well 18 for the B*57:73 allele.
29	New	New	New primer pair for the B*57:78 allele.
30	New	New	New primer pair for the B*57:79N allele.
31	-	-	Negative control added from well 28.

THE NUMBER OF WELLS is increased from 28 to 31 wells.

ALLELE COVERAGE:

B*57:01 to B*57:79N, i.e. all the currently recognized HLA-B*57 alleles, will be amplified by the primers in the HLA-B*57 subtyping kit; www.ebi.ac.uk/imgt/hla, 2015-August-11, release 3.21.1^{1,2}.

The HLA-B*57 kit enables separation of the confirmed HLA-B*57 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*57 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-B57 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*57:15, 57:37, 57:55	7
B*57:25, 57:41	19

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The HLA-B*57 subtyping kit cannot distinguish the silent mutations in the B* 57:01:01-57:01:04 and 57:01:06-57:01:22 alleles, the B*57:02:01-57:02:02 alleles, the B*57:03:01-57:03:02 alleles or the B*57:14:01-57:14:02 alleles.

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 B*57:45, 57:62 and 57:69 and the B*35:208 and B*58:14 alleles will give rise to identical amplification patterns. These alleles can e.g. be distinguished by the HLA-B low resolution kit and/or the HLA-B*35 and HLA-B*58 high resolution kit.

RESOLUTION IN HLA-B*57 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*57 SUBTYPINGS BY NON-HLA-B*57 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.