

Olerup SSP® HLA-B*57

Product number:	101.567-12 – including <i>Taq</i> polymerase 101.567-12u – without <i>Taq</i> polymerase
Lot number:	7E2
Expiry date:	2019-07-01
Number of tests:	12
Number of wells per test:	31+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*57 LOT (94Y):

Well	5'-primer	3'-primer	rationale
23	-	Added	3'-primer added for the allelic resolution of the B*57:05 allele.
24	Added	Modified	5'-primer added for the B*57:77 allele, 3'-primer modified for decreased tendency of primer oligomer formation.
31	Added	Added	Negative control moved to well 32, primer pair added for the B*57:82 and B*57:83 alleles and for improved allelic resolution of the B*57:45, B*57:62 and B*57:69 alleles.
32	-	-	Negative control added from well 31.

THE NUMBER OF WELLS is increased from 31 to 32 wells.

ALLELE COVERAGE:

B*57:01 to B*57:83, 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, 2016-July-14, release 3.25.0¹.

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-B*57 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

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.

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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*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.