

Olerup SSP[®] HLA-B*57

Product number: 101.567-12 – including *Taq* polymerase
101.567-12u - without *Taq* polymerase
Lot number: 45R
Expiry date: 2015-April-01
Number of tests: 12
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-B*57 LOT (85M):

The primers of the wells detailed below have been exchanged, added or modified compared to the previous lot.

Well	5'-primer	3'-primer	rationale
8	Added	-	5'-primer added for the B*57:49 allele.
11	-	Added	3'-primer added for the B*57:43 allele.
18	Added	-	5'-primer added for the B*57:39 allele.
19	-	Added	3'-primer added for the B*57:43 allele.
20	-	Added	3'-primer added for the B*57:41 allele.
24	Added	-	5'-primer added for the B*57:55 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*57:01 to B*57:58, 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, 2012-July-12, release 3.9.0¹.

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.

¹The B*57:26 and 57:41 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 20.

The B*57:37 and 57:55 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 24.

The HLA-B*57 subtyping kit cannot distinguish the silent mutations in the B* 57:01:01-57:01:04 and 57:01:06-57:01:13 alleles, the B*57:02:01-57:02:02 alleles or the B*57:03:01-57:03:02 alleles.

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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.