

Olerup SSP® HLA-B*13

Product number: 101.515-12 – including *Taq* polymerase
101.515-12u - without *Taq* polymerase
Lot number: 37R
Expiry date: 2015-April-01
Number of tests: 12
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-B*13 LOT (13M):

Well	5'-primer	3'-primer	rationale
6	-	Added	3'-primer added for the B*13:56N allele.
13	Added	Added	Primer pair added for the B*13:52 allele.
16	-	-	Exchanged positive control primer pair.
17	Added	-	5'-primer added for the B*13:49N allele.
18	-	Modified	Improved specificity of amplification.
20	Exchanged	-	Decreased tendencies of primer oligomer formation.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*13:01 to B*13:58, i.e. all the currently recognized HLA-B*13 alleles, will be amplified by the primers in the HLA-B*13 subtyping kit; www.ebi.ac.uk/imgt/hla, 2012-July-12, release 3.9.0.

The HLA-B*13 kit enables separation of the confirmed HLA-B*13 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*13 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 HLA-B*13 kit cannot distinguish the silent mutations in the B*13:01:01-13:01:06 alleles or the 13:02:01-13:02:13 alleles.

The B*13:15 and B*13:33 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 16.

The B*13:34 and B*13:38 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 19.

The B*13:27 and 13:49N alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 17.

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RESOLUTION IN HLA-B*13 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*13 SUBTYPINGS BY NON-HLA-B*13 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No modifications made.