

Olerup SSP® HLA-B*13

Product number: 101.515-12 – including *Taq* polymerase
 101.515-12u – without *Taq* polymerase

Lot number: 9E7

Expiry date: 2019-08-01

Number of tests: 12

Number of wells per test: 30+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*13 LOT (54Y):

Well	5'-primer	3'-primer	rationale
19	Added	-	5'-primer added for the B*13:96 allele.
22	Added	-	5'-primer added for the B*13:86 allele.
23	-	Modified	3'-primer modified for improved HLA-specific amplification.
27	Added	-	5'-primer added for the B*13:96 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*13:01 to B*13:96, 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, 2016-October-14¹, release 3.26.0.

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*13:01:01-13:01:10 and 13:01:12 alleles, the 13:02:01-13:02:18 alleles, the B*13:13:01-13:13:02 alleles, the B*13:26:01-13:26:02 alleles or the B*13:56:01N-13:56:02N alleles.

The following HLA-B*13 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*13:12:01, 13:52	13
B*13:15, 13:33	16
B*13:27, 13:49N	17
B*13:34, 13:38	19

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>.

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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:

In primer mix 23, a 3'-primer was modified for improved HLA-specific amplification.