

Olerup SSP[®] HLA-B*41

Product number: 101.542-06 – including *Taq* polymerase
 101.542-06u – without *Taq* polymerase

Lot number: 1D3

Expiry date: 2018-May-01

Number of tests: 6

Number of wells per test: 21+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*41 LOT (23X).

Well	5'-primer	3'-primer	rationale
18	Modified	-	5'-primer modified for decreased tendency of primer oligomer formation,
20	Added	Added	Negative control moved to well 22, primer pair added for the B*41:29 allele.
21	New	New	New primer pair for the allelic resolutions of the B*41:09 and B*41:33 alleles.
22	-	-	Negative control added from well 20.

THE NUMBER OF WELLS is increased from 20 to 22 wells.

ALLELE COVERAGE:

B*41:01 to B*41:39 i.e. all the currently recognized HLA-B*41 alleles, will be amplified by the primers in the HLA-B*41 SSP kit ^{1,2}; www.ebi.ac.uk/imgt/hla, 2015-August-11, release 3.21.1.

The HLA-B*41 kit enables separation of the confirmed HLA-B*41 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*41 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*41 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*41:04, 41:36	4
B*41:07, 41:12	4

The HLA-B*41 subtyping kit cannot distinguish the silent mutations in the B*41:01:01-41:01:04 or the B*41:02:01-41:02:06 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>.

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²The B*41:08 and the B*40:136, 40:231 and 40:279 alleles give rise to identical amplification patterns with the HLA-B*41 high resolution kit. These alleles can be distinguished by the HLA-B low resolution and/or HLA-B*40 kits.

RESOLUTION IN HLA-B*41 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*41 SUBTYPINGS BY NON-HLA-B*41 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.