

Olerup SSP® HLA-B*41

Product number: 101.542-06 – including *Taq* polymerase
101.542-06u – without *Taq* polymerase
Lot number: 68N
Expiry date: 2014-November-01
Number of tests: 6
Number of wells per test: 16

CHANGES COMPARED TO THE PREVIOUS HLA-B*41 LOT (43M).

Well	5'-primer	3'-primer	rationale
7	-	Modified	Decreased primer oligomer formation.
8	Modified	-	Decreased primer oligomer formation.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*41:01 to B*41:19 i.e. all the currently recognized HLA-B*41 alleles, will be amplified by the primers in the HLA-B*41 SSP kit ¹; www.ebi.ac.uk/imgt/hla, 2012-January-12, release 3.7.0.

The B*41:07 and 41:12 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 4.

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 HLA-B*41 subtyping kit cannot distinguish the silent mutations in the B*41:02:01-41:02:04 alleles.

¹The 41:08 and 40:136 alleles give rise to identical amplification patterns with the HLA-B*41 high resolution kit. These two alleles can be distinguished by the HLA-B low resolution and/or HLA-B*40 kits.

The B*41:09 and 45:08 alleles give rise to identical amplification patterns with the HLA-B*41 high resolution kit. These two alleles can be distinguished by the HLA-B low resolution and/or HLA-B*45 kits.

The 41:15 and 37:09 alleles give rise to identical amplification patterns with the HLA-B*41 high resolution kit. These two alleles can be distinguished by the HLA-B low resolution and/or HLA-B*37 kits.

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

Good.

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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 suggestions received.