

Olerup SSP[®] HLA-B*41

Product number:	101.542-06 – including <i>Taq</i> polymerase 101.542-06u – without <i>Taq</i> polymerase
Lot number:	2K8
Expiry date:	2023-10-01
Number of tests:	6
Number of wells per test:	23+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*41 LOT (5G8).

Well	5'-primer	3'-primer	rationale
15	Added	Added	Primer pair added from mix 20.
20	Added, moved	Added, moved	Primer pair added for improved resolution of the B*41:03:02 allele. Primer pair moved to mix 15.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*41:01 to B*41:61 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, 2019-April-17, release 3.36.0.

The HLA-B*41 kit enables separation of the confirmed HLA-B*41 alleles as listed in the IMGT/HLA database 3.27.0. 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 many 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*41:10, 41:45N	3

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>.

²The B*41:08 and the B*40:136, 40:231, 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.

The B*41:46-41:47 and the B*44:166 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*44 kits.

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101.542-06u – without *Taq* polymerase

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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.