101.542-06 – including *Taq* polymerase
101.542-06u – without *Taq* polymerase
Lot No.: 0R3

Olerup SSP® HLA-B*41

Product number:	**101.542-06 – including *Taq* polymerase**
	101.542-06u – without *Taq* polymerase
Lot number:	**0R3**
Expiry date:	**2026-03-01**
Number of tests:	**6**
Number of wells per test:	**23+1**

CHANGES COMPARED TO THE PREVIOUS HLA-B*41 LOT (9K0).

Well	5'-primer	3'-primer	rationale
2	-	Added	3'-primer added for the B*41:71 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
B*41:01 to B*41:75 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, 2022-January-13, release 3.47.0.

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

[1]Alleles 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.
[2]The following 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 the respective kits.

Alleles
B*41:08, B*40:136, 40:231, 40:279
B*41:23, B*42:27
B*41:46-41:47, B*44:166
B*41:62, B*40:02:20

CE

0197

OLERUP SSP

HLA-B*41   **Release Note**   **Page 2 of 2**
101.542-06 – including *Taq* polymerase
101.542-06u – without *Taq* polymerase
Lot No.: 0R3

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.