

## Olerup SSP<sup>®</sup> HLA-B\*42

Product number:	101.543-06 – including <i>Taq</i> polymerase 101.543-06u – without <i>Taq</i> polymerase
Lot number:	1H0
Expiry date:	2021-05-01
Number of tests:	6
Number of wells per test:	15+1

### CHANGES COMPARED TO THE PREVIOUS HLA-B\*42 LOT (4G2):

Well	5'-primer	3'-primer	rationale
15	Added	Added	Primer pair added for the B*42:25 allele.

### ALLELE COVERAGE:

B\*42:01 to B\*42:25, i.e. all the currently recognized HLA-B\*42 alleles, will be amplified by the primers in the HLA-B\*42 SSP kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-July-11, release 3.33.0.

The HLA-B\*42 kit enables separation of the confirmed HLA-B\*42 alleles as listed in the IMGT/HLA database 3.33.0. 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\*42 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\*42 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*42:14, 42:25	15

<sup>1</sup>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>.

<sup>2</sup>The HLA-B\*42 primer set cannot separate the B\*42:07 and the B\*08:94 alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B\*08 high resolution kit.

### RESOLUTION IN HLA-B\*42 HOMO- AND HETEROZYGOTES:

Good.

### INFLUENCE ON THE INTERPRETATION OF HLA-B\*42 SUBTYPINGS BY NON-HLA-B\*42 ALLELES:

None frequently occurring.

**HLA-B\*42**

**Release Note**

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**101.543-06 – including *Taq* polymerase**

**101.543-06u – without *Taq* polymerase**

**Lot No.: 1H0**

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No comments received.