

## ***Olerup SSP®* HLA-B\*42**

<b>Product number:</b>	<b>101.543-06 – including <i>Taq</i> polymerase</b> <b>101.543-06u – without <i>Taq</i> polymerase</b>
<b>Lot number:</b>	<b>7H8</b>
<b>Expiry date:</b>	<b>2023-04-01</b>
<b>Number of tests:</b>	<b>6</b>
<b>Number of wells per test:</b>	<b>15+1</b>

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*42 LOT (1H0):**

The HLA-A\*42 primer set is unchanged compared to the previous *Olerup SSP®* HLA-A\*42 lot (Lot No. 1H0).

**THE NUMBER OF WELLS** is unchanged

### **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-October-18, release 3.34.0.

The HLA-B\*42 kit enables separation of the confirmed HLA-B\*42 alleles as listed in the IMGT/HLA database 3.34.0. 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:

<b>Alleles</b>	<b>Primer mix</b>
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.

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**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.

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

No comments received.

Changes in revision R01 compared to R00:

1. The expiration date has been altered due to extension of shelf-life.