

**101.542-06 – including *Taq* polymerase**

**101.542-06u – without *Taq* polymerase**

**Lot No.: 5G8**

## **Olerup SSP<sup>®</sup> HLA-B\*41**

**Product number:** 101.542-06 – including *Taq* polymerase  
101.542-06u – without *Taq* polymerase

**Lot number:** 5G8

**Expiry date:** 2021-01-01

**Number of tests:** 6

**Number of wells per test:** 23+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*41 LOT (2F6).**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
23	Exchanged	-	5'-primer exchanged for improved HLA-specific amplification and decreased tendency of primer oligomer formation. Exchanged positive control primers.

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

**B\*41:01 to B\*41:54** i.e. all the currently recognized HLA-B\*41 alleles, will be amplified by the primers in the HLA-B\*41 SSP kit <sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-January-19, release 3.31.0.

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 polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

The following HLA-B\*41 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

<b>Alleles</b>	<b>Primer mix</b>
B*41:04, 41:36	4
B*41:10, 41:45N	3

<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 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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**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.