

101.561-24/03 – including *Taq* polymerase

101.561-24u/03u – without *Taq* polymerase

Lot No.: **3K5**

## **Olerup SSP<sup>®</sup> HLA-B\*51**

**Product number:** 101.561-24/03 – including *Taq* pol.  
101.561-24u/03u – without *Taq* pol.

**Lot number:** 3K5

**Expiry date:** 2023-10-01

**Number of tests:** 24 tests – Product No. 101.561-24/24u  
3 tests – Product No. 101.561-03/03u

**Number of wells per test:** 84+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*51 LOT (6G5):**

The HLA-B\*51 primer set is unchanged compared to the previous *Olerup SSP<sup>®</sup>* HLA-B\*51 lot (Lot No. 6G5).

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

B\*51:01 to B\*51:281, i.e. all the currently recognized HLA-B\*51 alleles, will be amplified by the primers in the HLA-B\*51 subtyping kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2019-April-17, release 3.36.0.

The HLA-B\*51 kit enables separation of the confirmed HLA-B\*51 alleles as listed in the IMGT/HLA database 3.25.0. 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\*51 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-B\*51 alleles can be distinguished by the different sizes of the specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
B*51:26, 51:185	20	B*51:70, 51:71	53
B*51:30, 51:142	25	B*51:74, 51:124	54
B*51:51, 51:76	44	B*51:75, 51:77	55
B*51:55, 51:245N	37	B*51:83, 51:88	59
B*51:57, 51:123	46	B*51:84, 51:94	60
B*51:66, 51:67	64	B*51:86, 51:95	62
B*51:68, 51:72	51	B*51:127, 51:149N	73

<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\*51:119, 51:176, 51:179, 51:218, 51:226 and the B\*52:06:03 alleles will give rise to identical amplification patterns. These alleles can e.g. be distinguished by the HLA-B low resolution kit and/or the HLA-B\*52 high resolution kit.

The B\*51:220 and the B\*53:01:13 alleles will give rise to identical amplification patterns. These alleles can e.g. be distinguished by the HLA-B low resolution kit and/or the HLA-B\*53 high resolution kit.

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**RESOLUTION IN HLA-B\*51 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*51 SUBTYPINGS BY NON-HLA-B\*51 ALLELES:**

None frequently occurring.

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

No comments received.