

## **Olerup SSP® HLA-B\*48**

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| <b>Product number:</b>           | <b>101.546-06 – including Taq polymerase</b><br><b>101.546-06u – without Taq polymerase</b> |
| <b>Lot number:</b>               | <b>3K3</b>                                                                                  |
| <b>Expiry date:</b>              | <b>2023-10-01</b>                                                                           |
| <b>Number of tests:</b>          | <b>6</b>                                                                                    |
| <b>Number of wells per test:</b> | <b>19+1</b>                                                                                 |

The HLA-B\*48 primer set is unchanged compared to the previous *Olerup SSP®* HLA-B\*48 (Lot No. 9H5).

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

B\*48:01 to B\*48:50, i.e. all the currently recognized HLA-B\*48 alleles, will be amplified by the primers in the HLA-B\*48 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\*48 kit enables separation of the confirmed HLA-B\*48 alleles as listed in the IMGT/HLA database 3.26.0. 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\*48 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-B\*48 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

| <b>Alleles</b> | <b>Primer mix</b> |
|----------------|-------------------|
| B*48:09, 48:11 | 14                |
| B*48:18, 48:29 | 15                |
| B*48:19, 48:27 | 9                 |

<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\*48 primer set cannot separate the B\*48:10 and the B\*39:13:02 and 42:11 alleles. These alleles can be distinguished by the HLA-B low resolution and/or HLA-B\*39 and HLA-B\*42 kits. The B\*48 primer set cannot separate the B\*48:23 and the B\*40:430 alleles. These alleles can be distinguished by the HLA-B low resolution and/or HLA-B\*40 kits.

### **RESOLUTION IN HLA-B\*48 HOMO- AND HETEROZYGOTES:**

Good.

**101.546-06 – including Taq polymerase**

**101.546-06u – without Taq polymerase**

**Lot No.: 3K3**

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*48 SUBTYPINGS BY NON-HLA-B\*48 ALLELES:**

None frequently occurring.

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

No comments received.