

## Olerup SSP<sup>®</sup> HLA-B\*07

Product number:	101.512-24/03 – including <i>Taq</i> pol. 101.512-24u/03u – without <i>Taq</i> pol.
Lot number:	1L2
Expiry date:	2024-06-01
Number of tests:	24 tests – Product No. 101.512-24/24u 3 tests – Product No. 101.512-03/03u
Number of wells per test:	88+1

### CHANGES COMPARED TO THE PREVIOUS HLA-B\*07 LOT (9G7):

Well	5'-primer	3'-primer	rationale
1	Modified	-	5'-primer modified for improved HLA-specific amplification.
14	Modified	-	5'-primer modified for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

B\*07:02 to B\*07:399, i.e. all the currently recognized HLA-B\*07 alleles, will be amplified by the primers in the HLA-B\*07 subtyping kit <sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2020-January-20, release 3.39.0.

The HLA-B\*07 kit enables separation of the confirmed HLA-B\*07 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\*07 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-B\*07 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
B*07:42, 07:118	26	B*07:89, 07:246	59
B*07:49N, 07:169	73	B*07:94, 07:135	63
B*07:60, 07:100	31	B*07:102, 07:106	69
B*07:61, 07:149	33	B*07:121, 07:126	75
B*07:63, 07:143	35	B*07:129, 07:231N	78

<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 following 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\*48 high resolution kit.

### Alleles

B\*07:50, 48:08

**101.512-24/03 – including *Taq* polymerase**  
**101.512-24u/03u – without *Taq* polymerase**

**Lot No.: 1L2**

**RESOLUTION IN HLA-B\*07 HOMO- AND HETEROZYGOTES:**

The B\*07:02,07:02 genotype gives rise to a unique amplification pattern, with the exception of some unconfirmed alleles.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*07 SUBTYPINGS BY NON-HLA-B\*07 ALLELES:**

None frequently occurring.

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

No comments received.