

## Olerup SSP<sup>®</sup> HLA-B\*08

Product number:	101.513-24/04 – including <i>Taq</i> pol. 101.513-24u/04u – without <i>Taq</i> pol.
Lot number:	3H4
Expiry date:	2023-01-01
Number of tests:	24 tests – Product No. 101.513-24/24u 4 tests – Product No. 101.513-04/04u
Number of wells per test:	47+1

### CHANGES COMPARED TO THE PREVIOUS HLA-B\*08 LOT (4G9):

Well	5'-primer	3'-primer	rationale
15	-	Added	3'-primer added for the B*08:01:35 allele.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

All the HLA-B\*08 alleles, i.e. **B\*08:01 to B\*08:208**, recognized by the HLA Nomenclature Committee in October 2018<sup>1,2</sup> will be amplified by the primers in the HLA-B\*08 subtyping kit<sup>3</sup>.

The HLA-B\*08 kit enables separation of the confirmed HLA-B\*08 alleles as listed in the IMGT/HLA database 3.24.0. 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. Current allele confirmation status for HLA-B\*08 alleles is listed below.

The HLA-B\*08 kit also enables identification of null and alternatively expressed alleles.

The following HLA-B\*08 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
B*08:11, 08:76	13	B*08:45, 08:59:01-08:59:02	34
B*08:19N, 08:109	22	B*08:51, 08:57	35
B*08:21, 08:47	23	B*08:58, 08:61	38
B*08:29, B*08:30	27	B*08:68, 08:69	45
B*08:33, 08:53:01-08:53:02	36	B*08:101, 08:128	24
B*08:41, 08:48	37	B*08:104, 08:140	46
B*08:44, 08:145	19		

<sup>1</sup>HLA-B alleles listed on the IMGT/HLA web page 2018-October-18, release 3.34.0, [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla).

<sup>2</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>3</sup>The HLA-B\*08 primer set cannot separate the B\*08:156 and the B\*15:180 alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B\*15 high resolution kit.

**101.513-24/04 – including *Taq* polymerase**

**101.513-24u/04u – without *Taq* polymerase**

**Lot No.: 3H4**

**RESOLUTION IN HLA-B\*08 HOMO- AND HETEROZYGOTES:**

The B\*08:01,08:01 genotype gives rise to a unique amplification pattern.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*08 SUB-TYPINGS BY NON-HLA-B\*08 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 shelf-life extension.