**Release Note** 

# Olerup SSP® HLA-B\*14

Product number:	101.524-12 – including <i>Taq</i> polymerase
	101.524-12u – without <i>Taq</i> polymerase
Lot number:	1N7
Expiry date:	2025-05-01
Number of tests:	12
Number of wells per test:	22+1

## Changes compared to the previous HLA-B\*14 Lot (6K2):

Well	5'-primer	3'-primer	rationale
8	Modified	-	Modified 5'-primer for improved HLA-specific amplification.
22	Added	Added	Negative control moved to well 23, primer pair added for the B*14:62 and 14:95 alleles.
23	-	-	Negative control added from well 22.

THE NUMBER OF WELLS was increased from 22 to 23.

## ALLELE COVERAGE:

B\*14:01 to B\*14:99 i.e. all the currently recognized HLA-B\*14 alleles, will be amplified by the primers in the HLA-B\*14 subtyping kit<sup>1</sup>; www.ebi.ac.uk/imgt/hla, 2021-January-18, release 3.43.0.

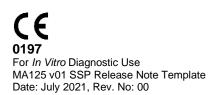
The HLA-B\*14 kit enables separation of the confirmed HLA-B\*14 alleles as listed in the IMGT/HLA database 3.27.0. An HLA allele is listed as confirmed by IMGT/HLA if it has been sequenced by more than a single laboratory or from multiple sources.

The HLA-B\*14 kit also enables identification of many null and alternatively expressed alleles.

The following alleles will give rise to identical amplification patterns with the HLA-B\*14 subtyping kit. These alleles can be distinguished by the HLA-B low resolution kit and/or the respective high resolution subtyping kits:

#### Alleles

B\*14:08:01-14:08:02, 39:43 B\*14:95, B\*39:79



### HLA-B\*14 101.524-12 - including Taq polymerase 101.524-12u - without Taq polymerase Lot No.: 1N7

The following HLA-B\*14 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles Primer mix B\*14:16, 14:23 16

<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.

## **RESOLUTION IN HLA-B\*14 HOMO- AND HETEROZYGOTES:** Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B\*14 SUBTYPINGS BY NON-HLA-B\*14 ALLELES: None of importance.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:** No comments received.

