

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 kit¹; 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



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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

¹Alleles 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.

