OLERUP SSP\*

HLA-B\*44 Release Note Page 1 of 2

101.563-24/03 – including *Taq* polymerase 101.563-24u/03u – without *Taq* polymerase

Lot No.: 3R2

## Olerup SSP® HLA-B\*44

Product number: 101.563-24/03 – including *Taq* pol.

101.563-24u/03u - without *Tag* pol.

Lot number: 3R2

Expiry date: 2026-08-01

Number of tests: 24 tests – Product No. 101.563-24/24u

3 tests - Product No. 101.563-03/03u

Number of wells per test: 63+1

## CHANGES COMPARED TO THE PREVIOUS HLA-B\*44 LOT (5L7):

The HLA-B\*44 primer set is unchanged compared to the previous lot.

THE NUMBER OF WELLS is unchanged.

## **ALLELE COVERAGE:**

B\*44:02 to B\*44:546, i.e. all the currently recognized HLA-B\*44 alleles, will be amplified by the primers in the HLA-B\*44 SSP kit; <a href="www.ebi.ac.uk/imgt/hla">www.ebi.ac.uk/imgt/hla</a>, 2022-July-12, release 3.49.0.

The HLA-B\*44 kit enables separation of the confirmed HLA-B\*44 alleles as listed in the IMGT/HLA database 3.29.0. 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\*44 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-B\*44 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
B*44:21, 44:326	21	B*44:78, 44:136	48
B*44:58N, 44:139	47	B*44:79:01-44:79:02, 44:192:01	44
B*44:69:01, 44:85:01	26	B*44:94, 44:98	31
B*44:72, 44:93	47	B*44:118, 44:261	52
B*44:74, 44:169	18	B*44:160Q, 44:198N	56

<sup>&</sup>lt;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 <a href="http://hla.alleles.org/alleles/deleted.html">http://hla.alleles.org/alleles/deleted.html</a>.

## **RESOLUTION IN HLA-B\*44 HOMO- AND HETEROZYGOTES:** Good.



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INFLUENCE ON THE INTERPRETATION OF HLA-B\*44 SUBTYPINGS BY NON-HLA-B\*44 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.