

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

**Lot No.: 3H9**

## **Olerup SSP<sup>®</sup> HLA-B\*44**

**Product number:** 101.563-24/03 – including *Taq* pol.  
101.563-24u/03u – without *Taq* pol.  
**Lot number:** 3H9  
**Expiry date:** 2021-09-01  
**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 (8F4):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
4	-	Added	3'-primer added for the B*44:03:41 allele.
21	Added	-	5'-primer added from well 45.
31	Removed	-	Removed redundant 5'-primer.
39	Modified	-	5'-primer modified for improved HLA-specific amplification.
42	Moved, exchanged	Moved, exchanged	Primer pair moved to well 60. Exchanged positive control primer pair.
45	Modified, moved	Removed	5'-primer modified for improved HLA-specific amplification, 5'-primer moved to wells 21 and 52, 3'-primer removed.
52	Added	-	5'-primer added from well 45.
57	Exchanged	Exchanged	Exchanged positive control primer pair for decreased primer oligomer formation.
58	Added	Added	Primer pair added from well 60.
60	Moved, added	Moved, added	Primer pair moved to well 58. Primer pair added from well 42. Exchanged positive control primer pair.

**THE NUMBER OF WELLS** is unchanged.

#### **ALLELE COVERAGE:**

All the HLA-B\*44 alleles, i.e. **B\*44:02 to B\*44:297**, recognized by the HLA Nomenclature Committee in October 2018<sup>1</sup> will be amplified by the primers in the HLA-B\*44 subtyping kit.

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 null and alternatively expressed alleles.

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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*44:58N, 44:139	47	B*44:79:01-44:79:02, 44:192	44
B*44:69:01, 44:85	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
B*44:78, 44:136	48		

<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\*44 HOMO- AND HETEROZYGOTES:

Good.

#### 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.