

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

Lot No.: **8F4**

Olerup SSP® HLA-B*44

Product number: 101.563-24/03 – including *Taq* pol.
101.563-24u/03u – without *Taq* pol.

Lot number: 8F4

Expiry date: 2020-05-01

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 (7D8):

Well	5'-primer	3'-primer	rationale
9	Modified, removed	-	5'-primer modified for improved HLA-specific amplification, excess 5'-primer removed.
11	Added	-	5'-primer added for the B*44:03:37 allele.
26	Added	-	5'-primer added from well 63.
30	Modified	-	5'-primer modified for improved HLA-specific amplification.
31	Added	-	5'-primer added from well 63.
33	Added	-	5'-primer added from well 63.
34	Modified, added	-	5'-primer modified for improved HLA-specific amplification, 5'-primer added for the B*44:226 allele.
45	Added	-	5'-primer added from well 63.
46	Added	-	5'-primer added for the B*44:267N allele.
49	Added	Added	Primer pair added for the B*44:267N allele.
51	Added	-	5'-primer added for the B*44:259 allele.
52	Added	-	5'-primer added from well 63.
53	Added	-	5'-primer added for the B*44:259 allele.
54	-	Added	3'-primer added for the B*44:253 allele.
58	Added	-	5'-primer added for the B*44:271 allele.
62	-	Added	3'-primer added for the B*44:253 allele.
63	Moved, added	Removed, added	5'-primers moved to wells 26, 31, 33, 45 and 52, 3'-primer removed, primer pair added for the B*44:250 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*44:02 to B*44:271, i.e. all the currently recognized HLA-B*44 alleles, will be amplified by the primers in the HLA-B*44 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2017-August-10, release 3.29.0.

The HLA-B*44 kit enables separation of the confirmed HLA-B*44 alleles as listed in the IMGT/HLA database. 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.

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The HLA-B*44 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of 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*44:58N, 44:139	47	B*44:78, 44:136	48
B*44:69:01, 44:85	26	B*44:79:01-44:79:02, 44:192	44
B*44:72, 44:93	47	B*44:94, 44:98	31
B*44:74, 44:169	18	B*44:160Q, 44:198N	56

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*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.