

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

Lot No.: **52N**

Olerup SSP® HLA-B*44

Product number: 101.563-24/03 – including *Taq* pol.
101.563-24u/03u - without *Taq* pol.
Lot number: 52N
Expiry date: 2014-September-01
Number of tests: 24 tests – Product No. 101.563-24
3 tests – Product No. 101.563-03
Number of wells per test: 56

CHANGES COMPARED TO THE PREVIOUS HLA-B*44 LOT (15M):

Well	5'-primer	3'-primer	rationale
49	New	New	New primer pair for the B*44:108N allele.
50	New	New	New primer pair for the B*44:111 allele.
51	New	New	New primer pair for the B*44:115 allele.
52	New	New	New primer pair for the B*44:118 allele.
53	New	New	New primer pair for the B*44:122 allele.
54	New	New	New primer pair for the B*44:126 allele.
55	New	New	New primer pair for the B*44:138Q allele.
56	New	New	New primer pair for the B*44:104 allele.

THE NUMBER OF WELLS has been increased from 48 to 56.

ALLELE COVERAGE:

B*44:01 to B*44:139, 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, 2012-January-12, release 3.7.0.

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.

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 HLA-B*44 subtyping cannot distinguish the following silent mutations: the B*44:02:01:01, 44:02:02-44:02:09, 44:02:11-44:02:12 and 44:02:14-44:02:21 alleles, the B*44:03:01-44:03:14 alleles, the B* 44:05:01-44:05:03 alleles, the B*44:27:01-44:27:02 allele, the B*44:28:01 and B*44:28:02 alleles, the B*44:41:01-44:41:02 allele or the B*44:43:01-44:43:02 alleles .

¹The B*44:58N and 44:139 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 47.

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The B*44:69 and 44:85 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 26.

The B*44:72 and 44:93 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 47.

The B*44:94 and 44:98 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 31.

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.