

101.513-24/04 – including *Taq* polymerase
101.513-24u/04u – without *Taq* polymerase

Lot No.: **15R**

Olerup SSP® HLA-B*08

Product number: 101.513-24/04 – including *Taq* pol.
101.513-24u/04u - without *Taq* pol.
Lot number: 15R
Expiry date: 2015-March-01
Number of tests: 24 tests – Product No. 101.513-24
4 tests – Product No. 101.513-04
Number of wells per test: 48

CHANGES COMPARED TO THE PREVIOUS HLA-B*08 LOT (41M):

Well	5'-primer	3'-primer	rationale
23	-	Modified	Improved specificity of amplification.
43	-	Modified	Exchanged positive control primer pair and modified 3'-primer, for decreased primer oligomer formation.
46	-	Exchanged	Improved specificity of amplification.
47	New	New	New primer pairs for the B*08:72N and 08:86N alleles.
48	New	New	New primer pairs for the B*08:82N and B*08:86N alleles.

THE NUMBER OF WELLS has been increased from 46 to 48.

ALLELE COVERAGE:

B*08:01 to B*08:88, i.e. all the currently recognized HLA-B*08 alleles, will be amplified by the primers in the HLA-B*08 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2012-April-12, release 3.8.0.

The HLA-B*08 kit enables separation of the confirmed HLA-B*08 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*08 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*08 subtyping primer set cannot distinguish the silent mutations in the B*08:01:01-08:01:17 or the B*08:12:01-08:12:03 alleles.

¹The B*08:11 and 08:76 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 13.

The B*08:21 and 08:47 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 23.

The B*08:41 and 08:48 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 37.

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The B*08:45 and 08:59 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 34.

The B*08:51 and 08:57 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 35.

The B*08:58 and 08:61 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 38.

The B*08:68 and 08:69 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 45.

RESOLUTION IN HLA-B*08 HOMO- AND HETEROZYGOTES:

The B*08:01,08:01 genotype gives rise to a unique amplification pattern.

INFLUENCE ON THE INTERPRETATION OF HLA-B*08 SUBTYPINGS BY NON-HLA-B*08 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.