

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

Lot No.: **35S**

Olerup SSP[®] HLA-B*08

Product number: 101.513-24/04 – including *Taq* pol.
101.513-24u/04u - without *Taq* pol.
Lot number: 35S
Expiry date: 2016-February-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 (15R):

Well	5'-primer	3'-primer	rationale
8	Removed	Removed	5'-primer and 3'-primer removed to decrease unspecific amplifications.
32	Removed	-	5'-primer removed to increase and amplify specificity of amplification
34	-	Added	3'-primer added for the B*08:59:02 allele.
36	Added	-	5'-primer added for the B*08:100 allele.
42	Added	-	5'-primer added for the B*08:100 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*08:01 to B*08:106, i.e. all the currently recognized HLA-B*08 alleles, will be amplified by the primers in the HLA-B*08 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2013-January-11, release 3.11.0.

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*08:01:01-08:01:20, the B*08:12:01-08:12:03, the B*08:53:01-08:53:02, the B*08:56:01-08:56:02 or the 08:59:01-08:59:02 alleles.

¹The HLA-B*08 primer set cannot separate the B*08:94 and the B*35:87 alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*35 high resolution kit.

²The 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.

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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.

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.