

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

Lot No.: **4G9**

Olerup SSP[®] HLA-B*08

Product number: 101.513-24/04 – including *Taq* pol.
101.513-24u/04u – without *Taq* pol.

Lot number: 4G9

Expiry date: 2021-02-01

Number of tests: 24 tests – Product No. 101.513-24/24u
4 tests – Product No. 101.513-04/04u

Number of wells per test: 47+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*08 LOT (3E6):

Well	5'-primer	3'-primer	rationale
6	-	Added	3'-primer added for the B*08:97 allele.
25	Added	-	5'-primer added from primer mix 45.
27	-	Modified	3'-primer modified for improved HLA-specific amplification, 3'-primer modified for the B*08:30N allele.
30	-	Modified	3'-primer modified for improved HLA-specific amplification.
37	Added	-	5'-primer added for the B*08:165 allele.
44	-	Added	3'-primer added for the B*08:97 allele.
45	Moved	-	5'-primer moved to primer mix 25 for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*08:01 to B*08:190, 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, 2018-January-19, release 3.31.0.

The HLA-B*08 kit enables separation of the confirmed HLA-B*08 alleles as listed in the IMGT/HLA database 3.24.0. 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. Current allele confirmation status for HLA-B*08 alleles is listed below.

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.

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The following HLA-B*08 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
B*08:11, 08:76	13	B*08:45, 08:59:01-08:59:02	34
B*08:19N, 08:109	22	B*08:51, 08:57	35
B*08:21, 08:47	23	B*08:58, 08:61	38
B*08:33, 08:53:01-08:53:02	36	B*08:68, 08:69	45
B*08:41, 08:48	37	B*08:101, 08:128	24
B*08:44, 08:145	19	B*08:104, 08:140	46

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>.

²The HLA-B*08 primer set cannot separate B*08:156 and the B*15:180 alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*35 or the HLA-B*15 high resolution kit.

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.