

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

Lot No.: 3E6

Olerup SSP® HLA-B*08

Product number: 101.513-24/04 – including *Taq* pol.
 101.513-24u/04u – without *Taq* pol.
Lot number: 3E6
Expiry date: 2019-03-01
Number of tests: 24 tests – Product No. 101.513-24
 4 tests – Product No. 101.513-04
Number of wells per test: 47+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*08 LOT (0E2):

Well	5'-primer	3'-primer	rationale
25	-	Exchanged	3'-primer exchanged for improved resolution.
41	Added	-	5'-primer added for B*08:94 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*08:01 to B*08:161, 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, 2016-April-15, release 3.24.0.

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 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*08:29, 08:30N	27	B*08:68, 08:69	45
B*08:33, 08:53:01-08:53:02	36	B*08:101, 08:128	24
B*08:41, 08:48	37	B*08:104, 08:140	46
B*08:44, 08:145	19		

The HLA-B*08 subtyping primer set cannot distinguish the silent mutations in the B*08:01:01-08:01:34 alleles, the B*08:12:01-08:12:03 alleles, the B*08:26:01-08:26:03 alleles, the B*08:53:01-08:53:02 alleles, the B*08:56:01-08:56:02 or the 08:59:01-08:59:02 alleles.

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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.