

Olerup SSP[®] HLA-B*08

Product number:	101.513-24/04 – including <i>Taq</i> pol. 101.513-24u/04u – without <i>Taq</i> pol.
Lot number:	3N4
Expiry date:	2025-08-01
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 (3K4):

Well	5'-primer	3'-primer	rationale
6	-	Added	3'-primer added for the *08:88 allele.
29	-	Added	3'-primer added for the *08:88 allele.
40	-	Added	3'-primer added for the *08:75 allele.
44	-	Added	3'-primer added for the *08:67:02N allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

All the HLA-B*08 alleles, i.e. **B*08:01 to B*08:272**, recognized by the HLA Nomenclature Committee in April 2021^{1,2} will be amplified by the primers in the HLA-B*08 subtyping kit³.

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 many 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, B*08:30	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		

¹HLA-B alleles listed on the IMGT/HLA web page 2021-April-20, release 3.44.0, www.ebi.ac.uk/imgt/hla.



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

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²Alleles 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>.

³The following alleles will give rise to identical amplification patterns with the HLA-B*08 subtyping kit. These alleles can be distinguished by the HLA-B low resolution kit and/or the respective high resolution subtyping kits:

Alleles

B*08:156, B*15:180

B*242, B*41:46, B*42:26

B*08:272, B*35:87

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 SUB-TYPINGS BY NON-HLA-B*08 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.



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For *In Vitro* Diagnostic Use
MA125 v01 SSP Release Note Template
Date: August 2021, Rev. No: 00