

Olerup SSP® HLA-B*07

Product number:	101.512-24/03 – including <i>Taq</i> pol. 101.512-24u/03u – without <i>Taq</i> pol.
Lot number:	4S5
Expiry date:	2027-09-01
Number of tests:	24 tests – Product No. 101.512-24/24u 3 tests – Product No. 101.512-03/03u
Number of wells per test:	88+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*07 LOT (1N0):

The HLA-B*07 primer set is unchanged compared to the previous *Olerup SSP*® HLA-B*07 lot (Lot No. 1N0).

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*07:02 to B*07:483, i.e. all the currently recognized HLA-B*07 alleles, will be amplified by the primers in the HLA-B*07 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2023-July-12, release 3.53.0.

The HLA-B*07 kit enables separation of the confirmed HLA-B*07 alleles as listed in the IMGT/HLA database 3.27.0. 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.

The HLA-B*07 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-B*07 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
B*07:42, 07:118	26	B*07:89, 07:246, 07:473	59
B*07:49N, 07:169	73	B*07:94, 07:135N	63
B*07:60, 07:100	31	B*07:102, 07:106	69
B*07:61, 07:149	33	B*07:121, 07:126	75
B*07:63, 07:143	35	B*07:129, 07:231N	78

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 following alleles will give rise to identical amplification patterns. These alleles can e.g. be distinguished by the HLA-B low resolution kit and/or the HLA-B*48 high resolution kit.

Alleles

B*07:50, 07:453, B*48:08



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101.512-24/03 – including *Taq* polymerase

101.512-24u/03u – without *Taq* polymerase

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RESOLUTION IN HLA-B*07 HOMO- AND HETEROZYGOTES:

The B*07:02,07:02 genotype gives rise to a unique amplification pattern, with the exception of some unconfirmed alleles.

INFLUENCE ON THE INTERPRETATION OF HLA-B*07 SUBTYPINGS BY NON-HLA-B*07 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: October 2023, Rev. No: 00