

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

Lot No.: **32N**

Olerup SSP® HLA-B*07

Product number: 101.512-24/03 – including *Taq* pol.
 101.512-24u/03u – without *Taq* pol.
Lot number: 32N
Expiry date: 2014-August-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: 79

CHANGES COMPARED TO THE PREVIOUS HLA-B*07 LOT (03L):

Well	5'-primer	3'-primer	rationale
9	Moved	Moved	Primer pair moved to well 73, for improved allelic solution.
54	Moved	Moved	Primer pair moved to well 73, for decreased tendencies of primer oligomer formation.
63	Added	Added	Primer pair added for the B*07:135N allele.
64	-	Added	Increased yield of specific PCR product.
67	-	-	Exchanged positive control primer pair.
73	New	New	Primer pair from well 9.
74	New	New	New primer pair for the B*07:120 allele.
75	New	New	New primer pairs for the B*07:121 and B*07:126 alleles.
76	New	New	New primer pairs for the B*07:122 and B*07:128 alleles.
77	New	New	Primer pair from well 54.
78	New	New	New primer pairs for the B*07:125 and B*07:129 alleles.
79	New	New	New primer pairs for the B*07:130 alleles.

THE NUMBER OF WELLS has been increased from 72 to 79.

ALLELE COVERAGE:

B*07:02 to B*07:144, i.e. all the currently recognized HLA-B*07 alleles, will be amplified by the primers in the HLA-B*07 subtyping kit ¹; www.ebi.ac.uk/imgt/hla, 2012-January-12, release 3.7.0.

The HLA-B*07 kit enables separation of the confirmed HLA-B*07 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*07 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles

¹The B*07:102 and 07:106 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 69.

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The B*07:50 and B*48:08 alleles will give rise to identical amplification patterns. These alleles can e.g. be distinguished by the HLA-B low resolution primer set.

The HLA-B*07 subtyping kit cannot distinguish the following silent mutations: the B*07:02:01-07:02:25, 07:02:27 and 07:02:29, the B*07:05:01-07:05:06, the B*07:18:01-07:18:02, the B*07:22:01-07:22:02 the B*07:68:01-07:68:03 or the B*07:96:01-07:96:02 alleles.

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

The B*07:02,07:02 genotype gives rise to a unique amplification pattern.

¹With the exception of these unconfirmed alleles: B*07:119, 07:124, 07:127, 07:132-07:134, 07:136 and 07:141-07:144.

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.