

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

Lot No.: **03L**

Olerup SSP® HLA-B*07

Product number: 101.512-24/03 – including *Taq* pol.
 101.512-24u/03u – without *Taq* pol.
Lot number: 03L
Expiry date: 2013-August-01
Number of tests: 24 tests – Product No. 101.512-24
 3 tests – Product No. 101.512-03
Number of wells per test: 72

CHANGES COMPARED TO THE PREVIOUS HLA-B*07 LOT (68G):

Well	5'-primer	3'-primer	rationale
14	Removed	Removed	Primer pair for the B*07:13 removed.
25	-	Added	Primer added for the B*07:117 allele.
38	-	Added	Primers added for the B*07:103 and B*07:113 alleles.
54	Added	Added	Primer pair added for the B*07:116 allele.
57	Added	-	Primer added for the B*07:109 allele.
58	-	Added	Primer added for the B*07:112 allele.
59	-	Added	Primers added for the B*07:113 and B*07:115 alleles.
61	-	Added	Primer added for the B*07:105 allele.
65	-	Added	Primer added for the B*07:111N allele.
68	-	Added	Primer added for the B*07:101 allele.
69	New	New	New primer pairs for the B*07:102, B*07:106 and B*07:108 alleles.
70	New	New	New primer pairs for the B*07:104 and B*07:114 alleles.
71	New	New	New primer pairs for the B*07:107 and B*07:108 alleles.
72	New	New	New primer for the B*07:110 allele.

THE NUMBER OF WELLS has been increased from 68 to 72.

ALLELE COVERAGE:

B*07:02 to B*07:117, i.e. all the currently recognized HLA-B*07 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2010-October-15, release 3.2.0.

¹The B*07:98 and B*07:116 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 54.

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

The HLA-B*07 subtyping kit cannot distinguish the B*07:02:01-07:02:20 alleles, the B*07:05:01-07:05:06 alleles, the B*07:18:01-07:18:02 alleles, the B*07:22:01-07:22:02 alleles, the B*07:68:01-07:68:02 alleles or the *07:96:01-07:96:02 alleles.

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.

101.512-24/03 – including *Taq* polymerase

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

Lot No.: **03L**

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

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

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 modifications made.