

101.512-24/03 – including *Taq* polymerase101.512-24/03u – without *Taq* polymeraseLot No.: **31F****Olerup SSP® HLA-B*07**

Product number: 101.512-24/03 – including *Taq* pol.
 101.512-24/03u – without *Taq* pol.
Lot number: 31F
Expiry date: 2010-December-01
Number of tests: 24 tests – Product No. 101.512-24
 3 tests – Product No. 101.512-03
Number of wells per test: 45

CHANGES COMPARED TO THE PREVIOUS HLA-B*07 LOT (Y40):

Well	5'-primer	3'-primer	rationale
1	-	Removed	One 3'-primer removed.
9	Moved	Moved	Primer pair moved to well 41.
11	-	Added, changed	Primer pair added for the B*0739 allele and changed 3'-primer for increased specificity.
15	-	New	Primers added to improve resolution of the B*0747 allele.
17	-	Moved	3'-primer moved to well 44.
27	Modified, moved	Moved	5'-primer modified for increased specificity, and primer pair moved to well 40.
28	Modified, moved	Exchanged, moved	Primer pair moved to well 40. Primer pair changed for increased specificity.
29	Moved	Moved	Primer pair moved to well 41.
33	New	New	Primers pair added for the B*0761 allele.
34	New	New	Primer pair added for the B*0762 allele.
35	New	New	Primer pair added for the B*0763 allele.
36	New	New	Primer pair added for the B*0764 allele.
37	New	New	Primer pair added for the B*0765 allele.
38	New	New	Primer pair added for the B*0766 allele.
39	New	New	Primer pair added for improved resolution of the B*0702, B*0705 and B*0707 alleles in combination with B*40xx.
40	New	New	New primer pair for B*0756.
41	Moved	Moved	Primer pair from wells 9 and 29.
42	New	New	Primer pair added for the B*0767N allele.
43	New	New	Primer pair added for the B*0768 allele.
44	Moved	Moved	Primer pair moved from well 17 to improve resolution of the B*0710 allele.
45	New	New	Primer pair added for the B*0750 allele.

101.512-24/03 – including *Taq* polymerase101. 512-24/03u – without *Taq* polymeraseLot No.: **31F**

THE NUMBER OF WELLS has been increased from 32 to 45.

ALLELE COVERAGE:

B*0702 to B*0768, i.e. all the currently recognized HLA-B*07 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2008-October-10, release 2.23.0.

¹The B*0716 and B*3707 and the B*0750 and B*4808 alleles will give rise to identical amplification patterns. These alleles can e.g. be distinguished by the HLA-B low resolution primer set.

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

The B*0702,0702 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:

A resolution problem of B*0702, B*0705 and B*0707 in combination with B*40xx has been resolved.