

Olerup SSP[®] HLA-B*39

Product number: 101.566-12/04 – including *Taq* pol.
101.566-12u/04u – without *Taq* pol.
Lot number: 47K
Expiry date: 2013-April-01
Number of tests: 12 tests – Product No. 101.566-12/12u
4 tests – Product No. 101.566-04/04u
Number of wells per test: 32

Changes compared to the previous HLA-B*39 Lot (67G):

Well	5'-primer	3'-primer	rationale
4	-	Added	Primer pair added for the B*39:58 allele.
8	Modified	Modified	Modified primers for improved specificity and yield of specific PCR product.
9	Added	Added	Exchanged positive control primer pair, primer pair added for the B*39:59 allele.
13	-	Modified	3'-primer modified for decreased primer oligomer formation.
20	-	Added	Increased yield of specific PCR product.
22	-	-	Exchanged positive control primer pair.
24	-	Modified	3'-primer modified for increased specificity.
25	Added	Added	Primer pair added for the B*39:60 allele.
28	-	Added	Primer added for the B*39:56 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*39:01 to B*39:60¹ i.e. all the currently recognized HLA-B*39 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2010-July-16 release 3.1.0.

¹The B*39:10 and B*67:01:02 alleles will give rise to identical amplification patterns with the HLA-B*39 subtyping kit. These two alleles can be distinguished by the HLA-B low resolution and/or HLA-B*67 kits.

The B*39:01:01:02L and B*39:60 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 25.

RESOLUTION IN HLA-B*39 HOMO- AND HETEROZYGOTES:

The B*39:01,39:01 and the B*39:02,39:02 genotypes give rise to unique amplification patterns. The B*39:01,39:02 and the B*39:22,39:39 genotypes give rise to identical amplification patterns.

INFLUENCE ON THE INTERPRETATION OF HLA-B*39 SUBTYPINGS BY NON-HLA-B*39 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.