

101.566-12/04 – including *Taq* polymerase
101.566-12u/04u – without *Taq* polymerase

Lot No.: 82X

Olerup SSP® HLA-B*39

Product number: 101.566-12/04 – including *Taq* pol.
101.566-12u/04u – without *Taq* pol.
Lot number: 82X
Expiry date: 2017-July-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: 31+1

Changes compared to the previous HLA-B*39 Lot (87S):

Well	5'-primer	3'-primer	rationale
4	-	Added	3'-primer added from well 13.
9	Added	-	5'-primer added from well 20.
10	Added	-	5'-primer added from well 20.
13	Removed, added	Moved, added	5'-primer removed, 3'-primer moved to well 4, primer pair added from well 32.
20	Moved	-	5'-primers moved to wells 9 and 10 for improved HLA-specific amplification.
32	Moved	Moved	Primer pair moved to well 13, negative control.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*39:01 to B*39:83 i.e. all the currently recognized HLA-B*39 alleles, will be amplified by the primers in the HLA-B*39 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2013-July-25 release 3.13.1.

The HLA-B*39 kit enables separation of the confirmed HLA-B*39 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*39 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

The following HLA-B*39 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
B*39:01:01:02L, 39:60	25	B*39:35, 39:75	30
B*39:01:05, 39:59	9	B*39:41, 39:77	13
B*39:25N, 39:44	17	B*39:62, 39:64	30
B*39:26, 39:51	4		

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The HLA-B*39 subtyping kit cannot distinguish the silent mutations in the B*39:01:01:01, 39:01:01:03, 39:01:03, 39:01:06-39:01:08 and 39:01:10-39:01:16, alleles, the B*39:05:01-39:05:02 alleles, the B*39:06:01-39:06:02 alleles, the B*39:13:01-39:13:02 alleles, the B*39:24:01-39:24:02 alleles or the B*39:40:01N-39:40:02N alleles.

¹ Alleles 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>.

² The B*39:10:01 and 67:01:02-67:01:03 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.

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

Good.

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.