

## Olerup SSP® HLA-B\*39

**Product number:** 101.566-12/04 – including *Taq* pol.  
101.566-12u/04u – without *Taq* pol.  
**Lot number:** 47R  
**Expiry date:** 2015-May-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 (46M):

Well	5'-primer	3'-primer	rationale
7	-	Added	3'-primer added for the B*39:68 allele.
9	Added	-	5'-primer added for the B*39:73 allele.
14	Added	-	5'-primer added for the B*39:10:02 allele.
30	-	Added, modified	3'-primer added for the B*39:64 allele, modified 3'-primer for decreased tendencies of primer oligomer formation.

**THE NUMBER OF WELLS** is unchanged.

#### ALLELE COVERAGE:

B\*39:01 to B\*39:75<sup>1</sup> i.e. all the currently recognized HLA-B\*39 alleles, will be amplified by the primers in the HLA-B\*39 subtyping kit; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2012-July-12 release 3.9.0.

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 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 39:01:10-39:01:14 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 or the B\*39:24:01-39:24:02 alleles.

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.

The B\*39:62 and B\*39:64 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 30.

<sup>1</sup>The B\*39:10:01 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.

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

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**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.