

Olerup SSP® HLA-B*56

Product number: 101.571-06 – including *Taq* polymerase
101.571-06u – without *Taq* polymerase
Lot number: 85R
Expiry date: 2015-July-01
Number of tests: 6
Number of Wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-B*56 LOT (60M):

Well	5'-primer	3'-primer	rationale
7	Added	Moved, added	Primer pair added for the B*56:33 allele, 3'-primer moved to well 12 for improved allelic resolution.
12	-	Added	Primer from well 7.
14	-	-	Exchanged positive control primer pair.
16	Added	Added	Primer pair added for the B*56:36 allele, exchanged positive control primer pair.
17	Added	Added	Primer pair added for the B*56:38N allele.
22	Added	Added	5'-primer added for the B*56:36 allele, primer pair added for resolution of the B*56:05:02 and B*56:06 alleles.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*56:01 to B*56:38N, i.e. all the currently recognized HLA-B*56 alleles, will be amplified by the primers in the HLA-B*56 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2012-October-17, release 3.10.0.

The HLA-B*56 kit enables separation of the confirmed HLA-B*56 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*56 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 B*56:13 and 56:28N alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 15.

The B*56:17 and 56:26 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 21.

The B*56:19N and 56:29 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 19.

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The HLA-B*56 subtyping kit cannot distinguish the silent mutations in the B*56:01:01-56:01:04 alleles and the B*56:20:01-56:20:02 alleles.

¹The HLA-B*56 primer set cannot separate the B*56:09 and B*35:78 alleles. These alleles can be distinguished by the HLA-B low resolution and/or B*35 kits.

The HLA-B*56 primer set cannot separate the B*56:18 and B*07:65 alleles. These alleles can be distinguished by the HLA-B low resolution and/or B*07 kits.

RESOLUTION IN HLA-B*56 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*56 SUBTYPINGS BY NON-HLA-B*56 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

One primer pair added to primer mix 22 for resolution of the B*56:05:02 and B*56:06 alleles.