

Olerup SSP® HLA-B*56

Product number: 101.571-06 – including *Taq* polymerase
101.571-06u – without *Taq* polymerase
Lot number: 0F3
Expiry date: 2019-09-01
Number of tests: 6
Number of Wells per test: 23+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*56 LOT (2D0):

Well	5'-primer	3'-primer	rationale
3	Modified	-	5'-primer modified for improved HLA-specific amplification.
15	Modified	-	5'-primer modified for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*56:01 to B*56:51, i.e. all the currently recognized HLA-B*56 alleles, will be amplified by the primers in the HLA-B*56 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2016-October-14, release 3.26.0.

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 following HLA-B*56 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*56:17, 56:26	21
B*56:18, B*07:65	22
B*56:19N, 56:29	19

The HLA-B*56 subtyping kit cannot distinguish the silent mutations in the B*56:01:01:01-56:01:08 alleles, the B*56:02:01-56:02:02 and the B*56:20:01-56:20:02 alleles.

¹Alleles 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>.

²The HLA-B*56 primer set cannot separate the B*56:09 and the B*35:78 alleles. These alleles can be distinguished by the HLA-B low resolution and/or B*35 kits.

101.571-06 – including *Taq* polymerase**101.571-06u – without *Taq* polymerase****Lot No.: 0F3**

The HLA-B*56 primer set cannot separate the B*56:23 and the B*55:31 and B*55:78 alleles. These alleles can be distinguished by the HLA-B low resolution and/or B*55 kits.

The HLA-B*56 primer set cannot separate the B*56:50 and the B*55:13, 55:27-55:28, 55:32 and 55:58 alleles. These alleles can be distinguished by the HLA-B low resolution and/or B*55 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:

In primer mix 3, the 5'-primer was modified for improved HLA-specific amplification.