

Olerup SSP® HLA-B*56

Product number: 101.571-06 – including *Taq* polymerase
101.571-06u – without *Taq* polymerase
Lot number: 0H2
Expiry date: 2022-11-01
Number of tests: 6
Number of Wells per test: 23+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*56 LOT (0F3):

Well	5'-primer	3'-primer	rationale
18	Added	Added	Primer pair added for the B*56:55 allele.
22	Added	Added	Primer pair added for the B*56:01:01:05S allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*56:01 to B*56:57, 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, 2018-July-11, release 3.33.0.

The HLA-B*56 kit enables separation of the confirmed HLA-B*56 alleles as listed in the IMGT/HLA database 3.33.0. 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	Alleles	Primer mix
B*56:01:01:05S, 56:45	22	B*56:18, 07:65	22
B*56:16, 56:55:01:01-56:55:01:02	18	B*56:19N, 56:29	19
B*56:17, 56:26	21		

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. 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, 55:58 and 55:81 alleles. These alleles can be distinguished by the HLA-B low resolution and/or B*55 kits.

HLA-B*56

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The HLA-B*56 primer set cannot separate the B*56:54 and the B*55:18 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:

No suggestions received.

Changes to revision R01 compared to R00:

1. The expiration date has been altered due to shelf-life extension.