

Olerup SSP® HLA-B*56

Product number: 101.571-06 – including *Taq* polymerase
 101.571-06u – without *Taq* polymerase
Lot number: 39V
Expiry date: 2016-October-01
Number of tests: 6
Number of Wells per test: 23+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*56 LOT (85R):

| Well | 5'-primer | 3'-primer | rationale |
|------|--------------|--------------|---|
| 3 | Added | - | 5'-primer added for the B*56:01:05 allele. |
| 5 | Added | Added | Primer pair added for the B*56:40 allele. |
| 8 | Moved, added | Moved, added | Primer pair moved to well 15, Primer pair added from well 24. |
| 15 | - | Added | 3'-primer added from well 8. |
| 18 | - | Added | 3'-primer added for resolution of the B*56:08 and B*56:28N alleles. |
| 21 | - | Added | 3'-primer added for the B*56:42 allele, exchanged positive control primer pair. |
| 24 | Moved | Moved | Primer pair moved to well 8, Negative Control. |

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*56:01 to B*56:43, 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, 2014-January-17, release 3.15.0.

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 | Alleles | Primer mix |
|---|------------|-----------------|------------|
| B*56:08, 56:13 | 15 | B*56:18, 07:65 | 22 |
| B*56:14, 44:15, 44:18, 45:01, 45:04-45:05, 45:07, 45:11-45:14 | 15 | B*56:19N, 56:29 | 19 |
| B*56:17, 56:26 | 21 | | |

101.571-06 – including *Taq* polymerase

101.571-06u – without *Taq* polymerase

Lot No.: **39V**

The HLA-B*56 subtyping kit cannot distinguish the silent mutations in the B*56:01:01-56:01:07 alleles 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 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 B*55:31 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 comments received.