101.571-06 – including *Taq* polymerase
101.571-06u – without *Taq* polymerase
Lot No.: 1R6

Olerup SSP® HLA-B*56

Product number:	**101.571-06 – including *Taq* polymerase**
	101.571-06u – without *Taq* polymerase
Lot number:	**1R6**
Expiry date:	**2026-09-01**
Number of tests:	**6**
Number of wells per test:	**23+1**

CHANGES COMPARED TO THE PREVIOUS HLA-B*56 LOT (0H2):

Well	5'-primer	3'-primer	rationale
5	-	Added	3'-primer added from well 19.
19	-	Moved	3'-primer moved to well 5, for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
B*56:01 to B*56:87, 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, 2022-July-12, release 3.49.0.

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.
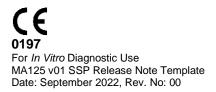
The HLA-B*56 kit also enables identification of many null and alternatively expressed alleles.

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, 56:55:01:02	18	B*56:19N, 56:29	19
B*56:17, 56:26	21		

[1]Alleles 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.
[2]The HLA-B*56 primer set cannot separate the following alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the respective high resolution kits:

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Alleles

B*56:01:13, 13:54, 55:22, 55:41, 55:46
B*56:01:14, 54:03, 54:40
B*56:09, 56:60, 35:78
B*56:21, 51:272
B*56:23, 55:31, 55:78
B*56:42, 56:44, 50:75
B*56:50, 55:13, 55:27-55:28:01, 55:32, 55:58, 55:81
B*56:54, 55:18
B*56:67-56:68, 13:03, 13:120, 13:164, 15:552, 44:339, 46:11, 49:01:01:01-49:01:07, 49:01:09-49:01:18, 49:01:20-49:03, 49:06, 49:08-49:14, 49:16-49:17, 49:19N-49:24, 49:26-49:39, 49:41-49:46, 49:48-49:49, 49:51-49:60N, 49:62-49:75, 49:77-49:78, 50:01:01:01-50:01:01:13, 50:01:03-50:01:13, 50:01:15-50:01:20, 50:01:22-50:02:01:02, 50:05-50:08, 50:10-50:11, 50:13, 50:15, 50:18-50:19, 50:21, 50:32, 50:34-50:38, 50:40, 50:43-50:44, 50:46-50:48, 50:50, 50:52-50:59, 50:62-50:74, 50:76, 50:78-50:79, 51:15, 59:04

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.