

Olerup SSP[®] HLA-B*55

Product number:	101.570-06 – including Taq polymerase 101.570-06u – without Taq polymerase
Lot number:	9G5
Expiry date:	2021-04-01
Number of tests:	6
Number of wells per test:	31+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*55 LOT (9E2):

Well	5'-primer	3'-primer	rationale
21	Added	Added	Primer pair added for the B*55:83N allele.
29	Added	Added	Primer pair added for the B*55:83N allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*55:01 to B*55:87, i.e. all the currently recognized and released HLA-B*55 alleles, will be amplified by the primers in the HLA-B*55 SSP kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2018-April-16, release 3.32.0.

The HLA-B*55 kit enables separation of the confirmed HLA-B*55 alleles as listed in the IMGT/HLA database 3.26.0. 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*55 kit also enables identification of null and alternatively expressed alleles.

The following HLA-B*55 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*55:26, 55:62	25

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*55 primer set cannot separate the B*55:78 and the B*15:42 alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*15 high resolution kit.

RESOLUTION IN HLA-B*55 HOMO- AND HETEROZYGOTES:

The B*55:01,55:01, B*55:01,55:02 and B*55:02,55:02 genotypes give rise to unique amplification patterns with regard to confirmed HLA-B*55 alleles.

INFLUENCE ON THE INTERPRETATION OF HLA-B*55 SUBTYPINGS BY NON-HLA-B*55 ALLELES:

None frequently occurring.

HLA-B*55

Release Note

Page 2 of 2

101.570-06 – including *Taq* polymerase

101.570-06u – without *Taq* polymerase

Lot No.: 9G5

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.