

Olerup SSP[®] HLA-B*18

Product number:	101.519-12 – including <i>Taq</i> polymerase 101.519-12u – without <i>Taq</i> polymerase
Lot number:	3L0
Expiry date:	2024-06-01
Number of tests:	12
Number of wells per test:	39+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*18 LOT (5H2):

The HLA-B*18 primer set is unchanged compared to the previous Olerup SSP[®] HLA-B*18 (Lot No. 5H2).

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*18:01 to B*18:189, i.e. all the currently recognized HLA-B*18 alleles, will be amplified by the primers in the HLA-B*18 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2020-January-20 release 3.39.0.

The HLA-B*18 kit enables separation of the confirmed HLA-B*18 alleles as listed in the IMGT/HLA database 3.29.0. 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*18 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-B*18 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
B*18:05:01:01- 18:05:01:02, 18:60	6	B*18:37:01- 18:37:02, 18:46	27
B*18:18:01:01- 18:18:01:02, 18:47	29	B*18:38, 18:45	28
B*18:23N, 18:28	10	B*18:40, 18:51	23
B*18:34, 18:52	30	B*18:42, 18:43	26
B*18:36, 18:67	11		

The HLA-B*18 primer set cannot separate the alleles below. These alleles can be distinguished by the HLA-B low resolution kit.

Alleles

B*18:172, 18:174-18:175, 14:56, 15:185, 39:32, 39:43, 40:163, 51:194, 56:31, 67:065

101.519-12 – including *Taq* polymerase

101.519-12u – without *Taq* polymerase

Lot No.: 3L0

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>.

RESOLUTION IN HLA-B*18 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*18 SUBTYPINGS BY NON-HLA-B*18 ALLELES:

The B*08:xx,18:01 and B*08:xx,18:26 genotypes give rise to the same amplification patterns.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.