

Lot No.: **04N**

Olerup SSP[®] HLA-B*55

Product number: 101.570-06 – including *Taq* polymerase
101.570-06u – without *Taq* polymerase
Lot number: 04N
Expiry date: 2014-July-01
Number of tests: 6
Number of wells per test: 31

CHANGES COMPARED TO THE PREVIOUS HLA-B*55 LOT (78K):

Well	5'-primer	3'-primer	rationale
3	Modified	-	Improved specificity of primer pair.
8	Moved	Moved	One primer pair moved to well 31, to decrease primer oligomer formation.
9	Modified	-	Increased yield of HLA-specific PCR product.
11	Modified	Modified	Decreased primer oligomer formation.
28	Exchanged	Modified	Increased yield of HLA-specific PCR product.
30	-	Exchanged	Decreased primer oligomer formation.
31	New	New	Primer pair from well 8.

THE NUMBER OF WELLS is increased from 30 to 31.

ALLELE COVERAGE:

B*55:01 to B*55:54, 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; www.ebi.ac.uk/imgt/hla, 2011-October-10, release 3.6.0.

The HLA-B*55 kit enables separation of the confirmed HLA-B*55 alleles as listed in the IMGT/HLA database¹. 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 polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles

¹The HLA-B*55 subtyping kit cannot separate the B*55:01:01-55:01:06 and 55:01:08 alleles or the *55:02:01-55:02:06 alleles.

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.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.