

Olerup SSP[®] HLA-B*58

Product number: 101.568-06 – including *Taq* polymerase
101.568-06u – without *Taq* polymerase
Lot number: 50N
Expiry date: 2014-October-01
Number of tests: 6
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-B*58 LOT (16L):

Well	5'-primer	3'-primer	rationale
24	Modified	-	Improved specificity of primer pair.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*58:01 to B*58:36, i.e. all the currently recognized HLA-B*58 alleles, will be amplified by the primers in the HLA-B*58 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2012-January-12, release 3.7.0.

The HLA-B*58 kit enables separation of the confirmed HLA-B*58 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*58 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 B*58:09 and B*58:24 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 10.

The B*58:21 and B*58:29 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 20.

The HLA-B*58 primer set cannot distinguish the following silent mutations: the B*58:01:01-58:01:09 alleles.

²The B*58:36 and the B*15:20 as well as most B*35 and B*53 alleles give rise to identical amplification patterns with the HLA-B*58 subtyping kit. These alleles can be distinguished by e.g. the HLA-B low resolution kit and/or the HLA-B*15, HLA-B*35 and HLA-B*53 subtyping kits.

RESOLUTION IN HLA-B*58 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*58 SUBTYPINGS BY NON-HLA-B*58 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.