

Olerup SSP® HLA-B*14

Product number:	101.524-12 – including <i>Taq</i> polymerase 101.524-12u – without <i>Taq</i> polymerase
Lot number:	06S
Expiry date:	2015-August-01
Number of tests:	12
Number of wells per test:	16

CHANGES COMPARED TO THE PREVIOUS HLA-B*14 LOT (56N):

The HLA-B*14 primer set is unchanged compared to the previous lot.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*14:01 to B*14:33 i.e. all the currently recognized HLA-B*14 alleles, will be amplified by the primers in the HLA-B*14 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2012-October-14, release 3.10.0.

The HLA-B*14 kit enables separation of the confirmed HLA-B*14 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*14 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles

The HLA-B*14 primer set cannot distinguish the following silent mutations: the B*14:01:01-14:01:02, the B*14:02:01-14:02:07 or the B*14:06:01-14:06:02 alleles.

The B*14:16 and B*14:23 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 16.

¹The B*14:08 and B*39:43 alleles will give rise to identical amplification patterns with the HLA-B*14 subtyping kit. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*39 subtyping kit.

RESOLUTION IN HLA-B*14 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*14 SUBTYPINGS BY NON-HLA-B*14 ALLELES:

None of importance

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.