Olerup SSP® HLA-B*14

Product number:	**101.524-12 – including *Taq* polymerase** **101.524-12u – without *Taq* polymerase**
Lot number:	**56N**
Expiry date:	**2014-September-01**
Number of tests:	**12**
Number of wells per test:	**16**

CHANGES COMPARED TO THE PREVIOUS HLA-B*14 LOT (90K):

Well	5'-primer	3'-primer	rationale
4	Added	-	5'-primer added for the B*14:20 allele.
10	Moved	Moved	Primer pair moved to well 15, to decrease primer oligomer formation.
15	Added	Added	Primer pair from well 10.
16	-	Added	3'-primer added for the B*14:23 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
B*14:01 to B*14:28 i.e. all the currently recognized HLA-B*14 alleles, will be amplified by the primers in the HLA-B*14 subtyping kit[1]; www.ebi.ac.uk/imgt/hla, 2012-January-12, release 3.7.0.
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*14:02:01-14:02:06 or the B*14:06:01-14:06:02 alleles.

[1]The 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.