

## Olerup SSP® HLA-B\*41

**Product number:** 101.542-06 – including *Taq* polymerase  
101.542-06u – without *Taq* polymerase  
**Lot number:** 68K  
**Expiry date:** 2013-May-01  
**Number of tests:** 6  
**Number of wells per test:** 16

### CHANGES COMPARED TO THE PREVIOUS HLA-B\*41 LOT (11G).

| Well | 5'-primer | 3'-primer | rationale                                             |
|------|-----------|-----------|-------------------------------------------------------|
| 3    | Added     | Added     | Primer pair added for the B*41:10 allele.             |
| 4    | Added     | Added     | Primer pair added for the B*41:12 allele.             |
| 13   | New       | New       | New primer pair for the B*41:09 allele                |
| 14   | New       | New       | New primer pairs for the B*41:13 and B*41:16 alleles. |
| 15   | New       | New       | New primer pairs for the B*41:11 and B*41:14 alleles. |
| 16   | New       | New       | New primer pair for the B*41:15 allele                |

**THE NUMBER OF WELLS** is increased from 12 to 16.

#### ALLELE COVERAGE:

**B\*41:01 to B\*41:16** i.e. all the currently recognized HLA-B\*41 alleles, give rise to unique amplification patterns<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2010-October-15, release 3.2.0.

The B\*41:07 and 41:12 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 4.

<sup>1</sup>The 41:08 and 40:136 alleles give rise to identical amplification patterns with the HLA-B\*41 high resolution kit. These two alleles can be distinguished by the HLA-B low resolution and/or HLA-B\*40 kits.

The B\*41:09 and 45:08 alleles give rise to identical amplification patterns with the HLA-B\*41 high resolution kit. These two alleles can be distinguished by the HLA-B low resolution and/or HLA-B\*45 kits.

The 41:15 and 37:09 alleles give rise to identical amplification patterns with the HLA-B\*41 high resolution kit. These two alleles can be distinguished by the HLA-B low resolution and/or HLA-B\*37 kits.

#### RESOLUTION IN HLA-B\*41 HOMO- AND HETEROZYGOTES:

The B\*41:01,41:01 genotype gives rise to a unique amplification pattern.

#### INFLUENCE ON THE INTERPRETATION OF HLA-B\*41 SUBTYPINGS BY NON-HLA-B\*41 ALLELES:

None frequently occurring.

#### MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.