

## **Olerup SSP® HLA-B\*46**

**Product number:** 101.544-06 – including *Taq* polymerase  
101.544-06u – without *Taq* polymerase  
**Lot number:** 08R  
**Expiry date:** 2015-March-01  
**Number of tests:** 6  
**Number of wells per test:** 24

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*46 LOT (93M):**

| Well | 5'-primer | 3'-primer | rationale                              |
|------|-----------|-----------|--|
| 8    | -         | Modified  | Improved specificity of amplification. |
| 12   | -         | Modified  | Improved specificity of amplification. |

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

B\*46:01 to B\*46:30, i.e. all the currently recognized HLA-B\*46 alleles, give rise to unique amplification patterns; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2012-April-12, release 3.8.0.

The HLA-B\*46 kit enables separation of the confirmed HLA-B\*46 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\*46 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\*46 subtyping kit cannot distinguish the silent mutations in the B\*46:01:01-46:01:02 and 46:01:04-46:01:07 alleles or the B\*46:13:01-46:13:02 alleles.

### **RESOLUTION IN HLA-B\*46 HOMO- AND HETEROZYGOTES:**

The B\*46:01,46:01 genotype gives rise to a unique amplification pattern.

### **INFLUENCE ON THE INTERPRETATION OF HLA-B\*46 SUBTYPINGS BY NON-HLA-B\*46 ALLELES:**

None frequently occurring.

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

No suggestions received.