

Lot No.: **71K**

## Olerup SSP® HLA-A\*23

**Product number:** 101.421-06 – including *Taq* polymerase  
101.421-06u – without *Taq* polymerase  
**Lot number:** 71K  
**Expiry date:** 2013-June-01  
**Number of tests:** 6  
**Number of wells per test:** 24

### CHANGES COMPARED TO THE PREVIOUS HLA-A\*23 LOT (31G):

Well	5'-primer	3'-primer	rationale
3	-	Added	Primer added for the A*23:25 allele.
4	Added	Added	Primer pair added for the A*23:28 allele.
7	Added	Added	Primer pair added for the A*23:22 allele.
8	-	Added	Primer added for the A*23:26 allele.
10	-	Added	Primer added for the A*23:23 allele.
13	-	Added	Primers added for the A*23:24 and A*23:30 alleles.
15	Modified	Modified	Improved specificity of primer pair.
19	Added	Added	Primer pair added for the A*23:27 allele.
20	Added	Added	Primer pair added for the A*23:29 allele.
22	-	Added	Primer added for the A*23:31 allele.

**THE NUMBER OF WELLS** is unchanged.

### ALLELE COVERAGE:

A\*23:01 to A\*23:31, i.e. all the currently recognized HLA-A\*23 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.

<sup>1</sup>The HLA-A\*23 subtyping kit cannot distinguish the A\*23:01:01-23:01:05 alleles or the A\*23:03:01-23:03:02 alleles.

The A\*23:08N and 23:22 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 7.

The A\*23:09 and 23:26 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 8.

The A\*23:10 and 23:23 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 10.

The A\*23:15 and 23:27 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 19.

The A\*23:16 and 23:29 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 20.

The A\*23:18 and 23:28 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 4.

The A\*23:19Q and 23:31 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 22.

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**RESOLUTION IN HLA-A\*23 HOMO- AND HETEROZYGOTES:**

The A\*23:01,23:01 and A\*23:01,23:17 genotypes give rise to identical amplification patterns.

**INFLUENCE ON THE INTERPRETATION OF HLA-A\*23 SUBTYPINGS BY NON-HLA-A\*23**

**ALLELES:**

None frequently occurring.

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

No comments received.