

Olerup SSP® HLA-A*23

Product number: 101.421-06 – including *Taq* polymerase
101.421-06u – without *Taq* polymerase
Lot number: 54M
Expiry date: 2014-March-01
Number of tests: 6
Number of wells per test: 32

CHANGES COMPARED TO THE PREVIOUS HLA-A*23 LOT (71K):

Well	5'-primer	3'-primer	rationale
10	-	Added	Primer added for the A*23:24 allele.
17	-	Added	Primer added for the A*23:33 allele.
22	Modified	-	Improved specificity of primer pair.
23	Added	Added	Primer pair added for the A*23:27 allele.
24	-	Added	Primer added for the A*23:40 allele.
25	New	New	New primer pairs for the A*23:41 and A*23:42 alleles.
26	New	New	New primer pairs for the A*23:36 and A*23:39 alleles.
27	New	New	New primer pairs for the A*23:34 and A*23:35 alleles.
28	New	New	New primer pair for the A*23:32 allele.
29	New	New	New primer pairs for the A*23:37 and A*23:40 alleles.
30	New	New	New primer pair for the A*23:38N allele.
31	New	New	New primer pair for the A*23:44 allele.
32	New	New	New primer pair for the A*23:46 allele.

THE NUMBER OF WELLS is increased from 24 to 32.

ALLELE COVERAGE:

A*23:01 to A*23:46, i.e. all the currently recognized HLA-A*23 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2011-July-14, release 3.5.0.

¹The HLA-A*23 subtyping kit cannot distinguish the A*23:01:01-23:01:07 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*23:13 and 23:33 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 17.

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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.

The A*23:36 and 23:39 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 26.

The A*23:41 and 23:42 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 25.

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.