

Olerup SSP® DPA1

Product number: 101.331-24/06 – including *Taq* pol.
101.331-24u/06u – without *Taq* pol.
Lot number: 71S
Expiry date: 2016-February-01
Number of tests: 24 test – Product No. 101.331-24/24u
6 tests – Product No. 101.331-06/06u
Number of wells per test: 16

CHANGES COMPARED TO THE PREVIOUS DPA1 LOT (40R):

The primers of the wells detailed below have been added, exchanged or modified.

Well	5'-primer	3'-primer	rationale
1	Modified	-	Modified 5'-primer for decreased tendencies of primer oligomer formation.
10	-	Modified	Modified 3'-primer for increased yield of HLA-specific PCR product.
14	-	-	Exchanged positive control primer pair.
16	Exchanged	Exchanged	Exchanged primer pair, for decreased tendencies of primer oligomer formation.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DPA1*01:03 to DPA1*01:12, DPA1*02:01 to DPA1*02:05, DPA1*03:01 to DPA1*03:03 and DPA1*04:01, i.e. all the currently recognized DPA1 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2013-July-25, release 3.13.0.

¹The DPA1 typing kit cannot distinguish the following silent mutations: DPA1*01:03:01:01, DPA1*01:03:02 and DPA1*01:03:04, the DPA1*01:06:01 and DPA1*01:06:02, the DPA1*02:01:01 to DPA1*02:01:07 and the DPA1*02:02:01 to DPA1*02:02:05.

RESOLUTION IN DPA1 HOMO- AND HETEROZYGOTES:

Excellent. All frequently occurring genotypes give rise to unique amplification patterns.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.