

Release Note - Olerup SSP™ DPB1 – Lot No. Y21

Product number: 101.311-24/04 – licensed for PCR
101.311-24u/04u – not licensed for PCR
Lot number: Y21
Expiry date: 2009-August-01
Number of tests: 24 tests – Product No. 101.311-24
4 tests – Product No. 101.311-04
Number of tubes per test: 48

CHANGES COMPARED TO THE PREVIOUS DPB1 LOT (X20):

Tube	5'-primer	3'-primer	rationale
1	Modified	-	Increased yield of specific PCR product.
3	-	Modified	Increased yield of specific PCR product.
12	-	Modified	Increased yield of specific PCR product.
30	Modified	Modified	Increased yield of specific PCR product.
40	Modified	-	Increased yield of specific PCR product.
43	-	Modified	Increased yield of specific PCR product.
44	-	-	Changed to the 430 bp internal positive control primer pair for decreased primer oligomer formation tendency.
45	Added	-	Primer added for the DPB1*1802 allele to be able to resolve the DPB1*0201,0401 and DPB1*0401,1802 genotypes.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DPB1*0101 to DPB1*9901, i.e. all the currently recognized DPB1 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2007-October-05, release 2.19.0.

RESOLUTION IN DPB1 HOMO- AND HETEROZYGOTES:

The DPB1*0101,0101, DPB1*0101,8901 and DPB1*0101,9001 give rise to identical amplification patterns.

The DPB1*0101,0301 and DPB1*0101,9201 give rise to identical amplification patterns.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

Downstream primer in primer mix 40 modified for increased yield of specific PCR product in the DPB1*0902 allele.