

101.311-24/04 – including *Taq* polymerase

101.311-24u/04u – without *Taq* polymerase

Lot No.: **45V**

Olerup SSP[®] DPB1

Product number: 101.311-24/04 – including *Taq* pol.
 101.311-24u/04u – without *Taq* pol.

Lot number: 45V

Expiry date: 2016-August-01

Number of tests: 24 tests – Product No. 101.311-24/24u
 4 tests – Product No. 101.311-04/04u

Number of tubes per test: 62+1

CHANGES COMPARED TO THE PREVIOUS DPB1 LOT (25S):

Well	5'-primer	3'-primer	rationale
4	-	Added	3'-primer added for the DPB1*31:01 allele.
37	Moved	Moved	Primer pair moved to well 57.
40	Moved	Moved	Primer pair moved to well 58.
41	-	Added	3'-primer added for the DPB1*154:01N allele.
43	Moved	Moved	Primer pair moved to well 59.
46	-	Modified	3'-primer modified for improved resolution of the DPB1*96:01 allele.
47	Moved	Moved, added	Primer pair moved to well 60, 3'-primer added for the DPB1*140:01 allele.
49	New	New	New primer pairs for the DPB1*143:01 and DPB1*149:01 alleles.
50	New	New	New primer pairs for the DPB1*142:01 and DPB1*146:01 alleles.
51	New	New	New primer pair for the DPB1*145:01 allele.
52	New	New	New primer pairs for the DPB1*151:01 and DPB1*165:01 alleles.
53	New	New	New primer pairs for the DPB1*153:01, DPB1*157:01 and DPB1*163:01 alleles.
54	New	New	New primer pairs for the DPB1*159:01N, DPB1*160:01 and DPB1*161:01N alleles.
55	New	New	New primer pair for the DPB1*155:01 allele.
56	New	New	New primer pair for the DPB1*148:01 allele.
57	Added	Added	Primer pair added from well 37.
58	Added	Added	Primer pair added from well 40.
59	Added	Added	Primer pair added from well 43.
60	Added	Added	Primer pair added from well 47.
61	New	New	New primer pair for the DPB1*168:01 allele.
62	New	New	New primer pair for the DPB1*131:01, DPB1*124:01, DPB1*133:01 and DPB1*162:01 alleles.

THE NUMBER OF WELLS is increased from 48 to 63 wells.

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ALLELE COVERAGE:

DPB1*01:01 to DPB1*168:01, i.e. all the currently recognized DPB1 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2013-October-11¹, release 3.14.0.

The DPB1 typing kit cannot distinguish the following silent mutations: DPB1*01:01:01-01:01:03, the DPB1*02:01:02, 02:01:04-02:01:05 and 02:01:07-02:01:09, the DPB1*03:01:01-03:01:03, the DPB1*04:01:01-04:01:01:02 and 04:01:03-04:01:06, the DPB1*04:02:01:01-04:02:01:02, the DPB1*05:01:01-05:01:02, and the DPB1*41:01:01-41:01:02 alleles.

¹Alleles that have been deleted from or renamed in the official WHO HLA Nomenclature up to and including the last IMGT/HLA database release can be retrieved from web page <http://hla.alleles.org/alleles/deleted.html>.

RESOLUTION IN DPB1 HOMO- AND HETEROZYGOTES:

The DPB1*01:01,01:01, DPB1*01:01,89:01 and DPB1*01:01,90:01 give rise to identical amplification patterns.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.