

101.311-24/04 – including *Taq* polymerase

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

Lot No.: 9G8

Olerup SSP® DPB1

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

Lot number: 9G8

Expiry date: 2021-08-01

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

Number of wells per test: 95+1

CHANGES COMPARED TO THE PREVIOUS DPB1 LOT (7F7):

Well	5'-primer	3'-primer	rationale
26	Modified	-	5'-primer modified for improved yield.
29	-	Added	3'-primer added for the DPB1*699:01 allele.
37	-	Added	3'-primer added for the DPB1*683:01 allele.
38	-	Added	3'-primer added for the DPB1*674:01 allele.
44	Added	-	5'-primer added for the DPB1*698:01 allele.
53	-	Added, added	3'-primer added for the DPB1*712:01N allele. 3'-primer added for improved yield of the DPB1*163:01 allele.
54	-	Added	3'-primer added for the DPB1*683:01 allele.
60	-	Added	3'-primer added for the DPB1*02:01:22 allele.
66	-	Added	3'-primer added for the DPB1*697:01Q allele.
67	-	Added	3'-primers added for the DPB1*674:01 and DPB1*712:01N alleles.
68	Added	-	5'-primer added for the DPB1*679:01.
69	Added	-	5'-primer added for the DPB1*682:01 allele.
70	Added	-	5'-primer added for the DPB1*681:01 allele.
72	Added	-	5'-primer added for the DPB1*662:01 allele.
76	Added	-	5'-primer added for the DPB1*681:01 allele.
77	Added	-	5'-primer added for the DPB1*696:01 allele.
78	Added	-	5'-primer added for the DPB1*696:01N allele.
79	Added	-	5'-primer added for the DPB1*679:01 allele.
80	Added	-	5'-primer added for the DPB1*682:01 allele.
86	Added	-	5'-primer added for the DPB1*693:01N allele.
87	Added	-	5'-primers added for the DPB1*587:01 and DPB1*698:01 alleles.
90	-	Added	3'-primer added for the DPB1*700:01N allele.
91	-	Added	3'-primer added for the DPB1*699:01 allele.
92	Added	-	5'-primer added for the DPB1*691:01N allele.
93	Added	-	5'-primer added for the DPB1*634:01 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DPB1*01:01 to DPB1*720:01, i.e. all the recognized DPB1 alleles, will be amplified by the primers in the DPB1 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2018-July-11, release 3.33.0.

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The DPB1 kit enables separation of the confirmed DPB1 alleles as listed in the IMGT/HLA database. An HLA allele is listed as confirmed by IMGT/HLA if it has been sequenced by more than a single laboratory or from multiple sources. Current allele confirmation status for DPB1 alleles is listed below.

The DPB1 kit also enables identification of null and alternatively expressed alleles.

The following DPB1 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
DPB1*32:01, 339:01	42	DPB1*250:01, 268:01	71, 81
DPB1*120:01N, 453:01, 521:01	44	DPB1*281:01, 591:01	81
DPB1*153:01, 321:01, 595:01	53	DPB1*498:01, 572:01	85
DPB1*237:01, 419:01	85		

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>.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

In primer mix 53, a 3'-primer was added for improved yield of the DPB1*163:01 allele.