

INTERPRETATION TABLE

DQA1*02,05;DQB1*02,03:02 typing

Amplification patterns of the DQA1*02 and 05 and DQB1*02 and 03 alleles

	Well ⁵											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	175	165	210	80	135	110	115	150	135	135	145	90
PCR product(s)								220	175	260	185	
Length of int.	430	515	515	515	430	515	515	515	515	515	515	515
pos. control ¹												
5'-primer(s) ²	7 (90)	33 (169)	29 (184)	57 (266)	26 (173)	26 (173)	38 (210)	26 (175)	38 (210)	13 (136)	38 (210)	59 (245)
	5'-CAC ^{3'}	5'-AgC ^{3'}	5'-gag ^{3'}	5'-TgA ^{3'}	5'-TCT ^{3'}	5'-TCT ^{3'}	5'-gCA ^{3'}	5'-TTC ^{3'}	5'-gCA ^{3'}	5'-gCC ^{3'}	5'-gCA ^{3'}	5'-CCg ^{3'}
			30 (185)					49 (242)	140 (517)	135 (500)	48 (240)	
			5'-AAg ^{3'}					5'-ggT ^{3'}	5'-CTA ^{3'}	5'-TgA ^{3'}	5'-CgC ^{3'}	
											55 (260)	
											5'-gCC ^{3'}	
											55 (260)	
											5'-gCA ^{3'}	
3'-primer(s) ³	52 (224)	75 (293)	86 (353)	69 (304)	57 (266)	47 (237)	62 (282)	86 (353)	69 (304)	86 (353)	86 (353)	75 (293)
	5'-TgT ^{3'}	5'-gAC ^{3'}	5'-gCT ^{3'}	5'-CCT ^{3'}	5'-Cgg ^{3'}	5'-CgA ^{3'}	5'-CTA ^{3'}	5'-gCT ^{3'}	5'-CCC ^{3'}	5'-gCT ^{3'}	5'-gCT ^{3'}	5'-gAC ^{3'}
						48 (240)			185 (650)	167 (596)	86 (353)	
						5'-gCg ^{3'}			5'-CgA ^{3'}	5'-CAT ^{3'}	5'-gTT ^{3'}	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
DQA1 or DQB1 allele ⁴												
DQA1*02:01	1											
DQA1*03:01:01-03:03:02												
DQA1*05:01:01:01-05:01:02, 05:05:01:01-05:05:01:03, 05:08- 05:09, 05:11		2										
DQA1*05:02		2										12
DQA1*05:03, 05:06-05:07		2										
DQA1*05:04		2										
DQA1*05:10		2										
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	175	165	210	80	135	110	115	150	135	135	145	90
PCR product(s)								220	175	260	185	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

DQA1 or DQB1 allele ⁴												
DQB1*02:01:01-02:01:06, 02:01:08-02:02:02, 02:04-02:16, 02:18N-02:29			3		5							
DQB1*02:01:07, 02:03, 02:17			3									
DQB1*03:01:01:01-03:01:06, 03:01:08-03:01:12, 03:01:14, 03:01:16, 03:03:05, 03:10, 03:13, 03:16-03:17:02, 03:19, 03:21-03:24, 03:27-03:29, 03:35-03:36, 03:42, 03:44, 03:46-03:52, 03:54-03:57, 03:59-03:60, 03:69, 03:71-03:72			4								11	
DQB1*03:01:07, 03:01:13, 03:01:15, 03:05:01-03:05:04, 03:58, 03:61, 04:09											11	
DQB1*03:02:01-03:02:07					5	6					11	
DQB1*03:03:02:01-03:03:04, 03:12, 03:15, 03:20, 03:30-03:31, 03:33-03:34, 03:38-03:41, 03:43			4		6						11	
DQB1*03:03:06			4		6	7					11	
DQB1*03:04, 03:14:01-03:14:02											11	
DQB1*03:06, 03:25					6	7					11	
DQB1*03:07					5			8			11	
DQB1*03:08, 03:32					5	6			9		11	
DQB1*03:09			4							10	11	
DQB1*03:11					5	6				10	11	
DQB1*03:18					5	6		8			11	
DQB1*03:26			4		6					10	11	
DQB1*03:37, 03:62-03:63					5	6					11	
DQB1*03:45, 03:66N					5	6					11	
DQB1*03:53			4								11	
DQB1*03:64					5						11	
DQB1*03:65						6					11	
DQB1*03:67-03:68					5	6					11	
DQB1*03:70					5	6					11	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	175	165	210	80	135	110	115	150	135	135	145	90
PCR product(s)								220	175	260	185	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
DQA1 or DQB1 allele ⁴												
DQB1*04:03:01-04:03:02, 06:02:05, 06:19						6						
DQB1*06:01:01-06:01:08, 06:07:01-06:07:02, 06:15:01-06:15:02, 06:32, 06:35, 06:37, 06:45, 06:48, 06:51, 06:53-06:54N, 06:56-06:57, 06:66				w								
DQB1*06:02:02, 06:03:02									9			
DQB1*06:29					5							

DQB1*06:63					5	6						
DQA1 or DQB1 allele⁴												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

INTERPRETATION TABLE

DQA1*02,05;DQB1*02,03:02 typing

Amplification patterns of the DQA1*02 and 05 and DQB1*02 and 03 alleles

Well ⁵									
13	14	15	16	17	18	19	20	21	
200	200	205	185	165	145	185	175	Neg contr.	Length of spec. PCR product(s)
				190	185				
				230					
430	515	515	430	430	430	430	430	Negative Control	Length of int. pos. control ¹
107 (389)	107 (389)	21 (131)	7 (90)	23 (164)	26 (173)	26 (173)	13 (134)		5'-primer(s) ²
5'-CAT ³	5'-CAT ³	5'-TCC ³	5'-CAT ³	5'-gCA ³	5'-TCT ³	5'-TCT ³	5'-ggC ³		
				36 (204)					
				5'-gAC ³					
				44 (227)					
				5'-CgC ³					
159 (547)	159 (547)	75 (293)	54 (232)	86 (353)	61 (278)	73 (314)	57 (266)		3'-primer(s) ³
5'-AgC ³	5'-AgA ³	5'-gAC ³	5'-TCT ³	5'-gCT ³	5'-TCT ³	5'-CCT ³	5'-Cgg ³		
					74 (318)	76 (324)			
					5'-Aag ³	5'-gTT ³			
13	14	15	16	17	18	19	20	21	Well No. DQA1 or DQB1 allele ⁴
									DQA1*02:01
			16						DQA1*03:01:01-03:03:02
13		15							DQA1*05:01:01:01-05:01:02, 05:05:01:01-05:05:01:03, 05:08- 05:09, 05:11
?	?	15							DQA1*05:02
		14	15						DQA1*05:03, 05:06-05:07
?	?								DQA1*05:04
13									DQA1*05:10
13	14	15	16	17	18	19	20	21	Well No.
200	200	205	185	165	145	185	175	Neg contr.	Length of spec. PCR product(s)
				190	185				
				230					
13	14	15	16	17	18	19	20	21	Well No.

									DQB1*06:63
									DQA1 or DQB1 allele⁴
13	14	15	16	17	18	19	20	21	Well No.