

UK NEQAS for H&I SCHEME 8 - HLA & DISEASE TYPING FOR HLA-DR/DQ/DP ONLY

METHODOLOGY

SAMPLES 801-805/14 DESPATCHED ON 11TH FEBRUARY 2014

Lab No.	Date received	Date tested	Method used		Source of Primers and Probes				Kit manufacturer	Detection method	Diseases covered	Comments
			DRB1	DRB3,4,5	DQA1	DQB1	DPA1	DPB1				
11			SSP	SSP		SSP					Coeliac, Narcolepsy	
14	12-Feb	20-Feb	LUM	LUM	LUM	LUM			One Lambda	Gel Luminex	Coeliac, Narcolepsy	
15	12-Feb	28-Feb	LUM	LUM	SSP	SSP/LUM		SSP/LUM	Immucor/Olerup	Gel/Fluorescence	Coeliac, Narcolepsy	It is the policy of this department to test samples for DQA1 only if the presence of a DQB1*02 allele is indicated. Both samples 802/2014 and 803/2014 were therefore not tested for DQA1. This is in line with current literature for the association of HLA with coeliac disease.
16	12-Feb	17-Feb	SSP/Other	Other	SSP	Other			Innotrain/Immucor	Gel/Fluorescence	Coeliac, Narcolepsy, Actinic Prurigo	
17	12-Feb	19-Feb			SSP	SSP				Gel	Coeliac, Narcolepsy	
24	13-Feb	05-Mar	LUM	LUM	SSP	SSP/LUM			Immucor/Olerup	Gel/Fluorescence	Coeliac, Narcolepsy	
26	13-Feb	19-Feb	SSOP		SSOP	SSOP		SSOP	One Lambda/VH BIO	Fluorescence	Coeliac, Narcolepsy	
54	12-Feb	04-Mar	LUM	LUM		LUM		SSP	Immucor/Lifetech	Gel/Fluorescence	None at present	
85	14-Feb	17-Feb			RT-PCR	RT-PCR			Andiatec	Fluorescence	Coeliac	
124	24-Feb	25-Mar	SSP			SSP			Olerup/One Lambda	Gel	Coeliac, Narcolepsy	
126	14-Feb	17-Feb			RT-PCR	RT-PCR				Fluorescence	Coeliac	
129					SSOP	SSOP				Time-resolved fluorometry	Coeliac, Narcolepsy, Type 1 diabetes	
156	11-Feb	01-Mar			LUM	SSP/LUM		YES	Olerup/One Lambda	Gel/Fluorescence	Coeliac, Narcolepsy	
173	10-Feb	17-Feb			SSP	SSP				Fluorescence	Coeliac	
201	18-Feb	21-Feb			SSOP	SSOP		YES	One Lambda	Fluorescence		
223	13-Feb	25-Feb			SSP	SSP		YES		Gel	Coeliac, Narcolepsy	
225	14-Feb	18-Feb	SSP		SSP	SSP		YES	Olerup	Gel	Coeliac, Narcolepsy, Sarcoidosis	
263	20-Feb	05-Mar			RT-PCR	RT-PCR				Fluorescence	Coeliac	
272		13-Mar	SSP		SSP	SSP		YES	Opegen	Hybridization/Strip Development	Coeliac	
274	12-Feb	20-Feb	SSOP		SSOP	SSOP		YES	Operon	BLOT	Coeliac	
278	14-Feb	04-Mar			SSP	SSP		YES	Euroimmun	Fluorescence/Microarray-hybridisation	Coeliac	
307	17-Feb	07-Mar			SSP	SSP		YES	Olerup	Gel	Coeliac	

* Methods used
SSP = PCR-SSP
SSOP = PCR-SSOP
revSSOP = reverse SSOP
LUM = Luminex
RT PCR = Real Time PCR

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RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 801/14 DESPATCHED ON 11TH FEBRUARY 2014

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE: 4A2 06/2012										
Class I	A*	A*	B*	B*	C*	C*				
	02:01	32:01	14:01	44:02	05:01	08:02				
Class II	DRB1*	DRB1*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	
	04:01	07:01	01:01, 01:03	02:01	03:03	02:02	03:01	02:01	04:01	
Lab No.	DRB1*	DRB1*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
11	04	07	01			02	03			
14	04	07	01	02:01	03:01/02/03	02:02/12	03:01/27/28/29/35			
15	04:01/63/72/76	07:01/05/07/10N	01:01/03/01:03:01:02N	02:01	03:03	02:02	03:01/19/21/22	02:01	04:01	
16	04	07	01			02	03			
17				02:01	03:03	02:02	03:01			
24	04	07	01	02:01	03:01/03	02:02/06/10/11	03:01/19/21/22/27/28/29/35/42/46/47			
26	04	07		02:01	03:01	02:02	03:01	02:01	04:01	
54	04	07	01			02	03	02	04	
85						02				
124	04	07				02	03:01			
126				02	03	02	?			
129				02:01	03	02	03:01			
156										
173										
201				02:01	03:01/02/03	02:02	03:01/27/28/29/35/42/47			
223										
225	04	07		02:01		02	03			
263				02:01	03	02				
272										
274	04	07		02	03	02	03:01			
278				02	03	02				
307										

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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 801/14 DESPATCHED ON 11TH FEBRUARY 2014

HLA Type	DRB1* 04:01	DRB1* 07:01	DRB4* 01:01, 01:03	DQA1* 02:01	DQA1* 03:03	DQB1* 02:02	DQB1* 03:01	DPB1* 02:01	DPB1* 04:01									
Lab No.	Allele 1 DRB1*04:01	Present	Allele 2 DRB1*04:07	Present	Allele 3 DQA1*02	Present	Allele 4 DQA1*03	Present	Allele 5 DQA1*03:01	Present	Allele 6 DQA1*03:02/03	Present	Allele 7 DQA1*01:02	Present	Allele 8 DQA1*05:01	Present	Allele 9 DQA1*05:05	Present
11																		
14																		
15															DQA1*05:01	NO	DQA1*05:05	NO
16	DRB1*04:01	YES	DRB1*04:07	NO											DQA1*05:01/05	NO		
17																		
24															DQA1*05	NO		
26																		
54																		
85																		
124																		
126																		
129																		
156					DQA1*02	YES									DQA1*05	NO		
173							DQA1*03	YES							DQA1*05	YES		
201					DQA1*02	YES												
223					DQA1*02	YES	DQA1*03	YES					DQA1*01:02	NO	DQA1*05	NO		
225															DQA1*05	NO		
263					DQA1*02:01	YES	DQA1*03	YES							DQA1*05	NO		
272																		
274																		
278					DQA1*02	YES			DQA1*03:01	NO	DQA1*03:02/03	YES			DQA1*05	NO		
307					DQA1*02	YES									DQA1*05	NO		

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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 801/14 DESPATCHED ON 11TH FEBRUARY 2014

HLA Type	DRB1* 04:01	DRB1* 07:01	DRB4* 01:01, 01:03	DQA1* 02:01	DQA1* 03:03	DQB1* 02:02	DQB1* 03:01	DPB1* 02:01	DPB1* 04:01							
Lab No.	Allele 10 DQB1*02	Present	Allele 11 DQB1*02:01	Present	Allele 12 DQB1*02:02	Present	Allele 13 DQB1*03:02	Present	Allele 14 DQB1*03:03	Present	Allele 15 DQB1*03:05	Present	Allele 16 DQB1*03:10	Present	Allele 17 DQB1*06:02	Present
11																
14																
15			DQB1*02:01	NO	DQB1*02:02	YES	DQB1*03:02	NO							DQB1*06:02	NO
16			DQB1*02:01	NO	DQB1*02:02	YES	DQB1*03:02	NO							DQB1*06:02	NO
17																
24	DQB1*02	YES					DQB1*03:02	NO							DQB1*06:02	NO
26																
54																
85																
124	DQB1*02	YES					DQB1*03:02	NO			DQB1*03:05	NO	DQB1*03:10	NO	DQB1*06:02	NO
126																
129																
156	DQB1*02	YES					DQB1*03:02	NO							DQB1*06:02	NO
173	DQB1*02	YES					DQB1*03:02	NO	DQB1*03:03	NO						
201	DQB1*02	YES					DQB1*03:02	NO								
223	DQB1*02	YES					DQB1*03:02	NO							DQB1*06:02	NO
225	DQB1*02	YES					DQB1*03:02	NO								
263	DQB1*02	YES					DQB1*03:02	NO								
272	DQ2	YES					DQ8	NO								
274																
278	DQB1*02	YES					DQB1*03:02	*								
307	DQB1*02	YES					DQB1*03:02	NO								

* - 1 distinct determination is not possible when DQB1*02 is present

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SAMPLE 802/14 DESPATCHED ON 11TH FEBRUARY 2014

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE: 4A2 03/2013											
Class I	A*	A*	B*	B*	C*	C*					
	03:01	24:02	07:02	35:03	04:01	07:02					
Class II	DRB1*	DRB1*	DRB3*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	
	11:04	15:01	02:02	01:01	01:02	05:09	03:01	06:02	04:01	23:01	
Lab No.	DRB1*	DRB1*	DRB3*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
11	11	15	01/02/03	01/02			03	06:02			
14	11	15	02	01	01	05:05/09/11	03:01/27/28/29/35	06:02/84			
15	11:04/43/60/77	15:01/09/13/16	02:02/10/12/13				03:01/21/22/27	06:02	04:01	23:01	
16	11	15	02	01			05	03	06		
17					01:02	05:09	03:01	06:02			
24	11	15	02	01:01			03:01/19/21/22/27/28/29/35/42/46/47	06:02			
26	11	15			01:02	05:01	03:01	06:02	04:01	23:01	
54	11	15	02	01			03	06	04	23	
85							05				
124	11	15					03:01	06:02			
126					?		?	?			
129							05	06:02			
156											
173											
201					01:02/08/09/	05:05/09/11	03:01/27/28/29/35/42/47	06:02			
223											
225	11	15					05	03	06:02		
263							05				
272											
274	11						05	03:01			
278							05				
307											

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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 802/14 DESPATCHED ON 11TH FEBRUARY 2014

	DRB1*	DRB1*	DRB3*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*								
HLA Type	11:04	15:01	02:02	01:01	01:02	05:09	03:01	06:02	04:01	23:01								
Lab No.	Allele 1 DRB1*04:01	Present	Allele 2 DRB1*04:07	Present	Allele 3 DQA1*02	Present	Allele 4 DQA1*03	Present	Allele 5 DQA1*03:01	Present	Allele 6 DQA1*03:02/03	Present	Allele 7 DQA1*01:02	Present	Allele 8 DQA1*05:01	Present	Allele 9 DQA1*05:05	Present
11																		
14																		
15															DQA1*05:01	NT	DQA1*05:05	NT
16	DRB1*04:01	NO	DRB1*04:07	NO											DQA1*05:01/05	YES		
17																		
24															DQA1*05			
26																		
54																		
85																		
124																		
126																		
129																		
156					DQA1*02	NO									DQA1*05	YES		
173							DQA1*03	NO							DQA1*05	YES		
201															DQA1*05	YES		
223					DQA1*02	NO	DQA1*03	NO					DQA1*01:02	YES	DQA1*05	YES		
225															DQA1*05	YES		
263					DQA1*02:01	NO	DQA1*03	NO							DQA1*05	YES	DQB1*02	NO
272																		
274																		
278					DQA1*02	NO			DQA1*03:01	NO	DQA1*03:02/03	NO			DQA1*05	YES		
307					DQA1*02	NO									DQA1*05	YES		

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SAMPLE 802/14 DESPATCHED ON 11TH FEBRUARY 2014

HLA Type	DRB1* 11:04	DRB1* 15:01	DRB3* 02:02	DRB5* 01:01	DQA1* 01:02	DQA1* 05:09	DQB1* 03:01	DQB1* 06:02	DPB1* 04:01	DPB1* 23:01	Allele 15	Allele 16	Allele 17			
Lab No.	Allele 10 DQB1*02	Present	Allele 11 DQB1*02:01	Present	Allele 12 DQB1*02:02	Present	Allele 13 DQB1*03:02	Present	Allele 14 DQB1*03:03	Present	Allele 15 DQB1*03:05	Present	Allele 16 DQB1*03:10	Present	Allele 17 DQB1*06:02	Present
11																
14																
15			DQB1*02:01	NO	DQB1*02:02	NO	DQB1*03:02	NO							DQB1*06:02	YES
16			DQB1*02:01	NO	DQB1*02:02	NO	DQB1*03:02	NO							DQB1*06:02	YES
17																
24	DQB1*02	NO					DQB1*03:02	NO							DQB1*06:02	YES
26																
54																
85																
124	DQB1*02	NO					DQB1*03:02	NO			DQB1*03:05	NO	DQB1*03:10	NO	DQB1*06:02	YES
126																
129																
156	DQB1*02	NO					DQB1*03:02	NO							DQB1*06:02	YES
173	DQB1*02	NO					DQB1*03:02	NO	DQB1*03:03	NO						
201	DQB1*02	NO					DQB1*03:02	NO								
223	DQB1*02	NO					DQB1*03:02	NO							DQB1*06:02	YES
225	DQB1*02	NO					DQB1*03:02	NO								
263							DQB1*03:02	NO								
272	DQ2	YES					DQ8	NO								
274																
278	DQB1*02	NO					DQB1*03:02	NO								
307	DQB1*02	NO					DQB1*03:02	NO								

UK NEQAS for H&I SCHEME 8 - HLA & DISEASE TYPING FOR HLA-DR/DQ/DP ONLY

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 803/14 DESPATCHED ON 11TH FEBRUARY 2014

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE: 4A2 07/2013											
Class I	A*	A*	B*	B*	C*	C*					
	01:01	02:01	35:02	57:01	04:01	06:02					
Class II	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	
	07:01	11:01	02:02	01:03N	02:01	05:05	03:01	03:03	04:02	04:02/blank	
Lab No.	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
11	07	11	01/02/03	01			03	03			
14	07	11	02	01:03:01:02N	02:01	05:05/07/11	03:01/27/28/29/35	03:03/31/33/34/39			
15	07:01/05/07/	11:01/27/31/	02:02/10/12/	01:03:01:02N			03:01/03/19/21	03:03/19/21/22	04:02		
16	07	11	02	01		05	03				
17					02:01	05:05	03:01	03:03			
24	07	11	02	01			03:01/19/21/22/27/28/29/35/42/46/47	03:03/30/31/33/34/39/41/43			
26	07	11			02:01	05:01	03:01	03:03	04:02		
54	07	11	02	01			03		04		
85						05	03:02				
124	07	11					03:01	03:03			
126					02	05	?	?			
129					02:01	05	03:01	03:03			
156											
173											
201					02:01	05:05/09/11	03:01/27/28/29/35/42/47	03:03/31/33/34/39			
223											
225	07	11			02	05	03	03			
263					02:01	05					
272	07						03:01	03:02			
274	07	11			02	05	03:01	03:02			
278					02	05					
307											

UK NEQAS for H&I SCHEME 8 - HLA & DISEASE TYPING FOR HLA-DR/DQ/DP ONLY

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 803/14 DESPATCHED ON 11TH FEBRUARY 2014

HLA Type	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*																			
	07:01	11:01	02:02	01:03N	02:01	05:05	03:01	03:03	04:02	04:02/blank	Allele 1	Present	Allele 2	Present	Allele 3	Present	Allele 4	Present	Allele 5	Present	Allele 6	Present	Allele 7	Present	Allele 8	Present	Allele 9	Present	
Lab No.	DRB1*04:01		DRB1*04:07		DQA1*02		DQA1*03		DQA1*03:01		DQA1*03:02/03		DQA1*01:02		DQA1*05:01		DQA1*05:01/05		DQA1*05:01		DQA1*03:02/03		DQA1*01:02		DQA1*05:01		DQA1*05:05		
11																													
14																													
15																									DQA1*05:01	NT	DQA1*05:05	NT	
16	DRB1*04:01	NO	DRB1*04:07	NO											DQA1*05:01/05	YES													
17																													
24																									DQA1*05				
26																													
54																													
85																													
124																													
126																													
129																													
156					DQA1*02	YES																			DQA1*05	YES			
173							DQA1*03	NO																	DQA1*05	YES			
201					DQA1*02	YES																			DQA1*05	YES			
223					DQA1*02	YES	DQA1*03	NO																DQA1*01:02	NO	DQA1*05	YES		
225																									DQA1*05	YES			
263					DQA1*02:01	YES	DQA1*03	NO																	DQA1*05	YES			
272																													
274																													
278					DQA1*02	YES			DQA1*03:01	NO	DQA1*03:02/03	NO													DQA1*05	YES			
307					DQA1*02	YES																			DQA1*05	YES			

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SAMPLE 803/14 DESPATCHED ON 11TH FEBRUARY 2014

HLA Type	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*						
	07:01	11:01	02:02	01:03N	02:01	05:05	03:01	03:03	04:02	04:02/blank						
Lab No.	Allele 10	Present	Allele 11	Present	Allele 12	Present	Allele 13	Present	Allele 14	Present	Allele 15	Present	Allele 16	Present	Allele 17	Present
11	DQB1*02		DQB1*02:01		DQB1*02:02		DQB1*03:02		DQB1*03:03		DQB1*03:05		DQB1*03:10		DQB1*06:02	
14																
15			DQB1*02:01	NO	DQB1*02:02	NO	DQB1*03:02	NO							DQB1*06:02	NO
16			DQB1*02:01	NO	DQB1*02:02	NO	DQB1*03:02	NO							DQB1*06:02	NO
17																
24	DQB1*02	NO					DQB1*03:02	NO							DQB1*06:02	NO
26																
54																
85																
124	DQB1*02	NO					DQB1*03:02	NO			DQB1*03:05	NO	DQB1*03:10	NO	DQB1*06:02	NO
126																
129																
156	DQB1*02	NO					DQB1*03:02	NO							DQB1*06:02	NO
173	DQB1*02	NO					DQB1*03:02	NO	DQB1*03:03	YES						
201	DQB1*02	NO					DQB1*03:02	NO								
223	DQB1*02	NO					DQB1*03:02	NO							DQB1*06:02	NO
225	DQB1*02	NO					DQB1*03:02	NO								
263	DQB1*02	NO					DQB1*03:02	NO								
272																
274	DQB1*02	NO					DQB1*03:02	NO								
278																
307	DQB1*02	NO					DQB1*03:02	NO								

UK NEQAS for H&I SCHEME 8 - HLA & DISEASE TYPING FOR HLA-DR/DQ/DP ONLY

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 804/14 DESPATCHED ON 11TH FEBRUARY 2014

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE: 4A2 08/2013											
Class I	A*	A*	B*	B*	C*	C*					
	01:01	30:01	08:01	13:02	06:02	07:01					
Class II	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	
	03:01	07:01	01:01	01:03	02:01	05:01	02:01	02:02	01:01	06:01	
Lab No.	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
11	03	07	01/02/03	01			02				
14	03:01/18/19/22/28	07	01	01	02:01	05:01	02:01/27	02:02/12			
15	03:01/28/37/45	07:01/05/07/10N	01:01/02/04	01:01/03/01:03:01:02N	02:01	05:01	02:01	02:02	01:01	06:01	
16	03	07	01	01		05	02				
17					02:01	05:01	02:01	02:02			
24	03	07	01	01	02:01	05:01	02:01/07/08/09	02:02/06/10/11			
26	03	07			02:01	05:01	02:01	02:02	01:01	06:01	
54	03	07	01	01			02		01	06	
85						05	02				
124	03	07					02				
126					02	05	02	?			
129					02:01	05	02	02			
156											
173											
201					02:01	05:01	02:01	02:02			
223											
225	03	07			02	05	02				
263					02:01	05	02	02			
272	03	07					02				
274	03	07					02	02			
278					02	05	02	02			
307					02	05	02				

UK NEQAS for H&I SCHEME 8 - HLA & DISEASE TYPING FOR HLA-DR/DQ/DP ONLY

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 804/14 DESPATCHED ON 11TH FEBRUARY 2014

HLA Type	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*								
	03:01	07:01	01:01	01:03	02:01	05:01	02:01	02:02	01:01	06:01								
Lab No.	Allele 1	Present	Allele 2	Present	Allele 3	Present	Allele 4	Present	Allele 5	Present	Allele 6	Present	Allele 7	Present	Allele 8	Present	Allele 9	Present
	DRB1*04:01		DRB1*04:07		DQA1*02		DQA1*03		DQA1*03:01		DQA1*03:02/03		DQA1*01:02		DQA1*05:01		DQA1*05:05	
11																		
14																		
15															DQA1*05:01	YES	DQA1*05:05	NO
16	DRB1*04:01	NO	DRB1*04:07	NO											DQA1*05:01/05	YES		
17																		
24															DQA1*05	YES		
26																		
54																		
85																		
124																		
126																		
129																		
156					DQA1*02	YES									DQA1*05	YES		
173							DQA1*03	NO							DQA1*05	YES		
201					DQA1*02	YES									DQA1*05	YES		
223					DQA1*02	YES	DQA1*03	NO					DQA1*01:02	NO	DQA1*05	YES		
225															DQA1*05	YES		
263					DQA1*02:01	YES	DQA1*03	NO							DQA1*05	YES		
272																		
274																		
278					DQA1*02	YES			DQA1*03:01	NO	DQA1*03:02/03	NO			DQA1*05	YES		
307					DQA1*02	YES									DQA1*05	YES		

UK NEQAS for H&I SCHEME 8 - HLA & DISEASE TYPING FOR HLA-DR/DQ/DP ONLY

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 804/14 DESPATCHED ON 11TH FEBRUARY 2014

HLA Type	DRB1* 03:01	DRB1* 07:01	DRB3* 01:01	DRB4* 01:03	DQA1* 02:01	DQA1* 05:01	DQB1* 02:01	DQB1* 02:02	DPB1* 01:01	DPB1* 06:01						
Lab No.	Allele 10	Present	Allele 11	Present	Allele 12	Present	Allele 13	Present	Allele 14	Present	Allele 15	Present	Allele 16	Present	Allele 17	Present
	DQB1*02		DQB1*02:01		DQB1*02:02		DQB1*03:02		DQB1*03:03		DQB1*03:05		DQB1*03:10		DQB1*06:02	
11																
14																
15			DQB1*02:01	YES	DQB1*02:02	YES	DQB1*03:02	NO							DQB1*06:02	NO
16			DQB1*02:01	YES	DQB1*02:02	YES	DQB1*03:02	NO							DQB1*06:02	NO
17																
24	DQB1*02	YES					DQB1*03:02	NO							DQB1*06:02	NO
26																
54																
85																
124	DQB1*02	YES					DQB1*03:02	NO			DQB1*03:05	NO	DQB1*03:10	NO	DQB1*06:02	NO
126																
129																
156	DQB1*02	YES					DQB1*03:02	NO							DQB1*06:02	NO
173	DQB1*02	YES					DQB1*03:02	NO	DQB1*03:03	NO						
201	DQB1*02	YES					DQB1*03:02	NO								
223	DQB1*02	YES					DQB1*03:02	NO							DQB1*06:02	NO
225	DQB1*02	YES					DQB1*03:02	NO								
263	DQB1*02	YES					DQB1*03:02	NO								
272																
274																
278	DQB1*02	YES					DQB1*03:02	*								
307	DQB1*02	YES					DQB1*03:02	NO								

* - 1 distinct determination is not possible when DQB1*02 is present

UK NEQAS for H&I SCHEME 8 - HLA & DISEASE TYPING FOR HLA-DR/DQ/DP ONLY

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 805/14 DESPATCHED ON 11TH FEBRUARY 2014

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE: 4A2 09/2013

Class I	A*	A*	B*	B*	C*	C*					
	01:01	31:01	08:01	18:01	07:01	07:01/blank					
Class II	DRB1*	DRB1*	DRB3*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	
	03:01	11:04	01:01	02:02	05:01	05:05	02:01	03:01	02:01	04:02	
Lab No.	DRB1*	DRB1*	DRB3*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
11	03	11	01/02/03				02	03			
14	03:01/16/18/19/22	11	01	02	05:01/05/09/		02:01/13/14/15/16	03:01/27/28/29/38			
15	03:01/07/16/18	11:04/43/60/	01:01	02:02	05:01	05:05	02:01	03:01/19/21/22	02:01	04:02	
16	03	11	01	02	05		02	03			
17					05:01	05:05	02:01	03:01			
24	03	11	01	02	05:01	05:05	02:01/07/08/09	03:01/19/21/22/27/28/29/35/42/46/47			
26	03	11			05:01	05:01	02:01	03:01	02:01	04:02	
54	03	11	01	02			02	03	02	04	
85					05		02				
124	03	11					02	03:01			
126					05	?	02	?			
129					05		02	03:01			
156											
173											
201					05:01	05:01/05/09/11	02:01	03:01/27/28/29/35/42/47			
223											
225	03	11			05		02	03			
263					05		02				
272	03	?					02	03:01			
274	03	11			05		02	03:01			
278					05		02				
307											

UK NEQAS for H&I SCHEME 8 - HLA & DISEASE TYPING FOR HLA-DR/DQ/DP ONLY

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 805/14 DESPATCHED ON 11TH FEBRUARY 2014

HLA Type	DRB1*	DRB1*	DRB3*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*									
	03:01	11:04	01:01	02:02	05:01	05:05	02:01	03:01	02:01	04:02									
Lab No.	Allele 1 DRB1*04:01	Present	Allele 2 DRB1*04:07	Present	Allele 3 DQA1*02	Present	Allele 4 DQA1*03	Present	Allele 5 DQA1*03:01	Present	Allele 6 DQA1*03:02/03	Present	Allele 7 DQA1*01:02	Present	Allele 8 DQA1*05:01	Present	Allele 9 DQA1*05:05	Present	
11																			
14																			
15																			
16	DRB1*04:01	NO	DRB1*04:07	NO											DQA1*05:01	YES	DQA1*05:05	YES	
17															DQA1*05:01/05	YES			
24															DQA1*05	YES			
26																			
54																			
85																			
124																			
126																			
129																			
156					DQA1*02	NO									DQA1*05	YES			
173							DQA1*03	NO							DQA1*05	YES			
201															DQA1*05	YES			
223					DQA1*02	NO	DQA1*03	NO					DQA1*01:02	NO	DQA1*05	YES			
225															DQA1*05	YES			
263					DQA1*02:01	NO	DQA1*03	NO							DQA1*05	YES			
272																			
274																			
278					DQA1*02	NO			DQA1*03:01	NO	DQA1*03:02/03	NO			DQA1*05	YES			
307					DQA1*02	NO									DQA1*05	YES			

UK NEQAS for H&I SCHEME 8 - HLA & DISEASE TYPING FOR HLA-DR/DQ/DP ONLY

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 805/14 DESPATCHED ON 11TH FEBRUARY 2014

HLA Type	DRB1*	DRB1*	DRB3*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*						
	03:01	11:04	01:01	02:02	05:01	05:05	02:01	03:01	02:01	04:02						
Lab No.	Allele 10 DQB1*02	Present	Allele 11 DQB1*02:01	Present	Allele 12 DQB1*02:02	Present	Allele 13 DQB1*03:02	Present	Allele 14 DQB1*03:03	Present	Allele 15 DQB1*03:05	Present	Allele 16 DQB1*03:10	Present	Allele 17 DQB1*06:02	Present
11																
14																
15			DQB1*02:01	YES	DQB1*02:02	NO	DQB1*03:02	NO							DQB1*06:02	NO
16			DQB1*02:01	YES	DQB1*02:02	NO	DQB1*03:02	NO							DQB1*06:02	NO
17																
24	DQB1*02	YES					DQB1*03:02	NO							DQB1*06:02	NO
26																
54																
85																
124	DQB1*02	YES					DQB1*03:02	NO			DQB1*03:05	NO	DQB1*03:10	NO	DQB1*06:02	NO
126																
129																
156	DQB1*02	YES					DQB1*03:02	NO							DQB1*06:02	NO
173	DQB1*02	YES					DQB1*03:02	NO	DQB1*03:03	NO						
201	DQB1*02	YES					DQB1*03:02	NO								
223	DQB1*02	YES					DQB1*03:02	NO							DQB1*06:02	NO
225	DQB1*02	YES					DQB1*03:02	NO								
263	DQB1*02	YES					DQB1*03:02	NO								
272																
274																
278	DQB1*02	YES					DQB1*03:02	*								
307	DQB1*02	YES					DQB1*03:02	NO								

* - 1 distinct determination is not possible when DQB1*02 is present