

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

METHODOLOGY

SAMPLES 801-805/15 DESPATCHED ON 10TH FEBRUARY 2015

Lab No.	Date received	Date tested	DRB1	DRB3,4,5	Method used		DPA1	DPB1	Source of Primers and Probe:			Detection method	Diseases covered	Comments	
					DQA1	DQB1			Commercial Kits	Own Design	Other Kit manufacturer				
11	17-Feb	10-Mar	SSP	SSP		SSP					Yes				
14	11-Feb	23-Feb	SSP/LUM	SSP/LUM	LUM	SSP/LUM	LUM	LUM	Yes		One Lambda	Luminex	Coeliac, Type 1 diabetes, Narcolepsy		
16	11-Feb	20-Feb	SSP/LUM	LUM	LUM	SSP/LUM			Yes		Innotrain, Olerup, Immucor	Gel	Coelian, Narcolepsy, Actinic Prurigo		
17	11-Feb	12-Feb				SSP			Yes		Invitrogen	Gel	Coeliac, Narcolepsy		
24	12-Feb	26-Feb	LUM	LUM	SSP	LUM			Yes		Immucor, Olerup	Gel/Fluorescence	Coeliac, Narcolepsy		
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	DA testing not yet live	
85	18-Feb	19-Feb			RT-PCR	RT-PCR			Yes		Andiatec	Fluorescence`	Coeliac		
86	11-Feb	26-Feb	SSP		SSP	SSP/LUM			Yes		Protrans	Gel	Coeliac, Narcolepsy		
113	12-Feb	16-Feb	LUM		LUM	SSP/LUM			Yes		One Lambda, Olerup	Gel/Fluorescence	Coeliac, Narcolepsy		
124	16-Feb	20-Feb	SSP			SSP			Yes		One Lambda, Olerup	Gel	Coeliac, Narcolepsy		
126	24-Feb	03-Mar			RT-PCR	RT-PCR			Yes			Fluorescence	Coeliac		
129		12-Mar	SSOP		SSOP	SSOP			Yes			Time-resolved fluorometry	Coeliac, Type 1 diabetes, Narcolepsy		
154	11-Feb	19-Feb	SSP		SSP	SSP			Yes		Ingen, Olerup	Gel	Coeliac, Diabetes, Narcolepsy		
173	11-Feb	12-Feb			SSP	SSP			Yes			Fluorescence	Coeliac		
185	12-Feb	20-Feb	SSOP		SSOP	SBT			Yes		Immucor/Protans	Fluorescence	Coeliac, Narcolepsy, Rheumatoid arthritis		
201	12-Feb	12-Feb			LUM	LUM			Yes		One Lambda	Fluorescence	Coeliac		
223	11-Feb	27-Feb			SSP	SSP			Yes		Olerup	Gel	Coeliac, Narcolepsy		
225	16-Feb	09-Mar	LUM		LUM	LUM			Yes		Olerup	Gel	Coeliac, Narcolepsy, Sarcoidosis		
263	18-Feb	19-Feb			RT-PCR	RT-PCR			Yes			Fluorescence	Coeliac		
269	17-Feb	19-Feb			SSP	SSP			Yes			Fluorescence	Coeliac		
274	11-Feb	16-Feb	SSOP		SSOP	SSOP			Yes			Reverse Hybridisation	Coeliac		
276					SSP	SSP		SSP	Yes			Gel, Melting curves	Coeliac, Narcolepsy, Solid organ transplantation, HCT		
278	16-Feb	20-Feb			SSP	SSP			Yes		Euroimmun, Microarray-Hybridisation	Fluorescence	Coeliac		
279	11-Feb	20-Feb	SSP		SSP	SSP			Yes		Histotypespecial coeliac BAG	Gel	Coeliac		
285	12-Feb	16-Feb	SSP		SSP	SSP			Yes		BAG	Gel	Coeliac		
307	12-Feb	21-Feb			SSOP	SSOP			Yes		Innogenetics	Reverse SSO	Coeliac		
317	19-Feb	05-Mar			Euroimmun	Euroimmun			Yes		Euroimmun	Fluorescence, Euroarray	Coeliac		
319	12-Feb	12-Feb			RT-PCR	RT-PCR			Yes			Fluorescence	Coeliac		
329	17-Feb	18-Feb			SSOP	SSOP			Yes		Andiatec	Fluorescence	Coeliac		

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

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 801/15 DESPATCHED ON 10TH FEBRUARY 2015

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE: 4A2 02/13										
Class I	A*	A*	B*	B*	C*	C*				
	01:01	01:01/blank	08:01	57:01	06:02	07:01				
HLA Type	DRB1*	DRB1*	DRB4*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*
	04:04	07:01	01:03	01:03N	02:01	03:01	03:02	03:03	04:01	04:01/blank
Lab No.	DRB1*	DRB1*	DRB4*		DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*
11	04	07	+				03	03		
14	04	07	01	01:03:01:02N	02:01	03	03:02/62/63/64/67	03:03/31/33/34/39	04:01	
16	04	07	01		02:01	03:01	03:02	03:03		
17					02:01	03:01	03:02	03:03		
24	04	07	01		02:01	03:01	03:02/32/37/45/62/63/64/66N/67/68/81/85	03:03/20/30/31/33/34/38-41/43/65/79/86-90N/91Q/95N-99Q		
25	NT	NT	NT		NT	NT	NT	NT	NT	NT
86	04	07			02:01	03:01	03:02	03:03		
113	04:04	07			02:01	03	03:02	03:03		
124	04	07					03:02	03:03		
126					02	03	03:02	?		
129	04:04				02:01	03	03:02	03:03		
154	04	07			02:01	03:01	03:02	03:03		
185	04	07			02	03	03:02	03:03		
201					02:01	03:01	03:02	03:03		
225	04	07								
269					02	03:01	03:02			
276									04	
307					02	03	03:02	03		

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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 801/15 DESPATCHED ON 10TH FEBRUARY 2015

HLA Type	DRB1*	DRB1*	DRB4*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*																				
	04:04	07:01	01:03	01:03N	02:01	03:01	03:02	03:03	04:01	04:01/blank	Allele 1 DQB1*	Present	Allele 2 DQA1*	Present	Allele 3 DQB1*	Present	Allele 4 DQB1*	Present	Allele 5 DQB1*	Present	Allele 6 DQB1*	Present	Allele 7 DQA1*	Present	Allele 8 DQA1*	Present	Allele 9 DQA1*	Present	Allele 10 DQA1*	Present
16	06:02	No	05	No	03:02	Yes					02	No															02:01	Yes		
24	06:02	No	05	No	03:02	Yes					02	No			03	Yes														
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
85			05	No	03:02	Yes					02	No																		
113	06:02	No	05	No	03:02	Yes					02	No	01:02	No	03	Yes	02	Yes												
124	06:02	No			03:02	Yes	03:05	No	03:10	No	02	No																		
173			05	No	03:02	Yes	03:03	Yes			02	No			03	Yes														
201			05	No	03:02	Yes					02	No			03:01	Yes														
223	06:02	No	05	No	03:02	Yes					02	No	01:02	No	03	Yes	02	Yes												
225	06:02	No	05	No	03:02	Yes					02	No			03	Yes	02	Yes												
263			05	No	03:02	Yes					02	No			03	Yes	02:01	Yes												
269			05	No	03:02	Yes					02	No			03:01	Yes	02	Yes	03:02/03	No										
274			05	No	03:02	Yes					02	No			03	Yes	02	Yes												
276	06:02	No	05	No	03:02	Yes					02	No					02	Yes												
278			05	No	03:02	Yes					02	No			03:01	Yes	02	Yes	03:02/03	No										
279			05:01	No	03:02	Yes									03:01	Yes	02:01	Yes												
285			05:01	No	03:02	Yes									03:01	Yes	02:01	Yes												
307			05	No	03:02	Yes					02	No																		
317			05	No	02/03:02	Yes					02	No			03:01	Yes	02	Yes	03:02/03	No										
319			05	No	03:02	Yes					02	No																		
329			05	No	03:02	Yes					02	No																		

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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 801/15 DESPATCHED ON 10TH FEBRUARY 2015

HLA Type	DRB1* 04:04	DRB1* 07:01	DRB4* 01:03	DRB4* 01:03N	DQA1* 02:01	DQA1* 03:01	DQB1* 03:02	DQB1* 03:03	DPB1* 04:01	DPB1* 04:01/blank	Allele 16 DRB1*	Allele 17 DQB1*	Allele 18 DQB1*	Allele 19 DQA1*				
Lab No.	Allele 11 DQB1*	Present	Allele 12 DRB1*	Present	Allele 13 DRB1*	Present	Allele 14 DRB1*	Present	Allele 15 DQA1*	Present	Allele 16 DRB1*	Present	Allele 17 DQB1*	Present	Allele 18 DQB1*	Present	Allele 19 DQA1*	Present
16			04:01/04:07	No														
24																		
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
85																		
113																		
124																		
173																		
201																		
223																		
225																		
263																		
269																		
274	03:01	No	04	Yes	07	Yes	03	No										
276																		
278																		
279	03:01	No	04	Yes	07	Yes	03	No			11	No	02:01	No	02:02	No	05:05	No
285	03:01	No	04	Yes	07	Yes	03	No			11	No	02:01	No	02:02	Yes	05:05	No
307																		
317									03	Yes								
319																		
329																		

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 802/15 DESPATCHED ON 10TH FEBRUARY 2015

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE: 4A2 04/14

Class I	A*	A*	B*	B*	C*	C*				
	02:01	02:01/blank	27:05	44:02	02:02	05:01				
HLA Type	DRB1*	DRB1*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	
	01:01	15:01	01:01	01:01	01:02	05:01	06:02	05:01	10:01	
Lab No.	DRB1*	DRB1*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
11	01	15	+			05	06:02			
14	01:01/05/07/08/11	15	01	01	01	05	06	05	10	
16	01	15	01	01		05	06:02			
17				01:01	01:02	05:01	06:02			
24	01	15	01			05:01/07/12/18/20/22/27/31/32/44/45		06:02		
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	
86	01	15		01		05	06			
113	01:01	15		01:01	01:02	05	06:02			
124	01	15				05	06:02			
126				?	?	?	?			
129						05:01	06:02			
154	01	15		01:01	01:02	05:01	06:02			
185	01	15		01	01	05:01	06:02			
201				01:01	01:02	05	06			
225	01	15								
269										
276								05	10	
307				01		05	06			

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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 802/15 DESPATCHED ON 10TH FEBRUARY 2015

HLA Type	DRB1*	DRB1*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*																					
	01:01	15:01	01:01	01:01	01:02	05:01	06:02	05:01	10:01	Allele 1 DQB1*	Present	Allele 2 DQA1*	Present	Allele 3 DQB1*	Present	Allele 4 DQB1*	Present	Allele 5 DQB1*	Present	Allele 6 DQB1*	Present	Allele 7 DQA1*	Present	Allele 8 DQA1*	Present	Allele 9 DQA1*	Present	Allele 10 DQA1*	Present	
16	06:02	Yes	05	No	03:02	No				02	No										02:01	No								
24	06:02	Yes	05		03:02	No				02	No			03																
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
85			05	No	03:02	No				02	No																			
113	06:02	Yes	05	No	03:02	No				02	No	01:02	Yes	03	No	02	No													
124	06:02	Yes			03:02	No	03:05	No	03:10	No	02	No																		
173			05	No	03:02	No	03:03	No		02	No										03	No								
201			05	No	03:02	No				02	No			03:01	No															
223	06:02	Yes	05	No	03:02	No				02	No	01:02	Yes	03	No	02	No													
225	06:02	Yes	05	No	03:02	No				02	No			03	No	02	No													
263			05	No	03:02	No				02	No			03	No	02:01	No													
269			05	No	03:02	No				02	No			03:01	No	02	No	03:02/03	No											
274					03:02	No				02	No			03	No	02	No													
276	06:02	Yes	05	No	03:02	No				02	No					02	No													
278			05	No	03:02	No				02	No			03:01	No	02	No	03:02/03	No											
279			05:01	No	03:02	No								03:01	No	02:01	No													
285			05:01	No	03:02	No								03:01	No	02:01	No													
307			05	No	03:02	No				02	No																			
317			05	No	02/03:02	No				02	No			03:01	No	02	No	03:02/03	No											
319			05	No	03:02	No				02	No																			
329			05	No	03:02	No				02	No																			

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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 802/15 DESPATCHED ON 10TH FEBRUARY 2015

HLA Type	DRB1* 01:01	DRB1* 15:01	DRB5* 01:01	DQA1* 01:01	DQA1* 01:02	DQB1* 05:01	DQB1* 06:02	DPB1* 05:01	DPB1* 10:01									
Lab No.	Allele 11 DQB1*	Present	Allele 12 DRB1*	Present	Allele 13 DRB1*	Present	Allele 14 DRB1*	Present	Allele 15 DQA1*	Present	Allele 16 DRB1*	Present	Allele 17 DQB1*	Present	Allele 18 DQB1*	Present	Allele 19 DQA1*	Present
16			04:01/04:07	No														
24																		
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
85																		
113																		
124																		
173																		
201																		
223																		
225																		
263																		
269																		
274	03:01	No	04	No	07	No	03	No										
276																		
278																		
279	03:01	No	04	No	07	No	03	No			11	No	02:01	No	02:02	No	05:05	No
285	03:01	No	04	No	07	No	03	No			11	No	02:01	No	02:02	No	05:05	No
307																		
317									03	No								
319																		
329																		

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 803/15 DESPATCHED ON 10TH FEBRUARY 2015

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE: 4A2 06/14										
Class I	A*	A*	B*	B*	C*	C*				
	01:01	03:01	07:02	08:01	07:01	07:02				
HLA Type	DRB1*	DRB1*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	
	03:01	03:01/blank	01:01	01:02	05:01	02:01	06:02	01:01	04:01	
Lab No.	DRB1*	DRB1*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
11	03		+			02	06:02			
14	03:01/04/11/13/15		01	01	05:01	02:01	06	01	04:01	
16	03		01	01	05:01	02:01	06:02			
17				01:02	05:01	02:01	06:02			
24	03		01	01:02	05:01	02:01/07-09/27	06:02			
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	
86	03	03		01	05:01	02:01	06			
113	03			01:02	05:01	02	06:02			
124	03					02:01	06:02			
126				?	05	02	?			
129					05	02	06:02			
154	03			01:02	05:01	02:01	06:02			
185	03			01	05	02:01	06:02			
201				01:02	05:01	02	06			
225	03									
269					05	02				
276								01	04	
307				01	05	02	06			



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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 803/15 DESPATCHED ON 10TH FEBRUARY 2015

HLA Type	DRB1*	DRB1*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*											
	03:01	03:01/blank	01:01	01:02	05:01	02:01	06:02	01:01	04:01											
Lab No.	Allele 1 DQB1*	Present	Allele 2 DQA1*	Present	Allele 3 DQB1*	Present	Allele 4 DQB1*	Present	Allele 5 DQB1*	Present	Allele 6 DQB1*	Present	Allele 7 DQA1*	Present	Allele 8 DQA1*	Present	Allele 9 DQA1*	Present	Allele 10 DQA1*	Present
16	06:02	Yes	05:01	Yes	03:02	No					02:01	Yes					02:01	No		
24	06:02	Yes	05	Yes	03:02	No					02	Yes			03	No				
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
85			05	Yes	03:02	No					02	Yes								
113	06:02	Yes	05	Yes	03:02	No					02	No	01:02	Yes	03	No	02	No		
124	06:02	Yes			03:02	No	03:05	No	03:10	No	02	Yes								
173			05	Yes	03:02	No	03:03	No			02	Yes			03	No				
201			05	Yes	03:02	No					02	Yes			03:01	No				
223	06:02	Yes	05	Yes	03:02	No					02	Yes	01:02	Yes	03	No	02	No		
225	06:02	Yes	05	Yes	03:02	No					02	Yes			03	No	02	No		
263			05	Yes	03:02	No					02	Yes			03	No	02:01	No		
269			05	Yes	03:02						02	Yes			03:01	No	02	No	03:02/03	No
274			05	Yes	03:02	No					02	Yes			03	No	02	No		
276	06:02	Yes	05	Yes	03:02	No					02	Yes					02	No		
278			05	Yes	03:02						02	Yes			03:01	No	02	No	03:02/03	No
279			05:01	Yes	03:02	No									03:01	No	02:01	No		
285			05:01	Yes	03:02	No									03:01	No	02:01	No		
307			05	Yes	03:02	No					02	Yes								
317			05	Yes	02/03:02	Yes					02	Yes			03:01	No	02	No	03:02/03	No
319			05	Yes	03:02	No					02	Yes								
329			05	Yes	03:02	No					02	Yes								

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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 803/15 DESPATCHED ON 10TH FEBRUARY 2015

HLA Type	DRB1* 03:01	DRB1* 03:01/blank	DRB3* 01:01	DQA1* 01:02	DQA1* 05:01	DQB1* 02:01	DQB1* 06:02	DPB1* 01:01	DPB1* 04:01									
Lab No.	Allele 11 DQB1*	Present	Allele 12 DRB1*	Present	Allele 13 DRB1*	Present	Allele 14 DRB1*	Present	Allele 15 DQA1*	Present	Allele 16 DRB1*	Present	Allele 17 DQB1*	Present	Allele 18 DQB1*	Present	Allele 19 DQA1*	Present
16			04:01/04:07	No														
24																		
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
85																		
113																		
124																		
173																		
201																		
223																		
225																		
263																		
269																		
274	03:01	No	04	No	07	No	03	Yes										
276																		
278																		
279	03:01	No	04	No	07	No	03	Yes			11	No	02:01	Yes	02:02	No	05:05	No
285	03:01	No	04	No	07	No	03	Yes			11	No	02:01	Yes	02:02	No	05:05	No
307																		
317									03	No								
319																		
329																		

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 804/15 DESPATCHED ON 10TH FEBRUARY 2015

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE: 4A2 07/14

Class I	A*	A*	B*	B*	C*	C*					
	02:01	11:01	40:01	40:02	02:02	03:04					
HLA Type	DRB1*	DRB1*	DRB3*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	
	13:01	13:02	02:02	03:01	01:02	01:03	06:03	06:04	03:01	04:02	
Lab No.	DRB1*	DRB1*	DRB3*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
11	13		+				06:03	06:04/09			
14	13	13	02	03	01	01	06	06	03	04:02	
16	13		02	03	01		06				
17					01:02	01:03	06:03	06:04			
24	13	13	02	03			06:03/14/28/41/44/60/61/65/67 06:04/27/34/36/38/39/52/69/85/86/89				
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
86					01		06	06			
113	13	13			01:02	01:03	06:03	06:04			
124	13						06:03	06:04			
126					?	?	?	?			
129							06:03	06:04			
154	13				01:02	01:03	06:03	06:04			
185	13	13			01	01	06:03	06:04			
201					01:02	01:03	06				
225	13										
269											
276									03	04/105	
307					01		06				

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

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 804/15 DESPATCHED ON 10TH FEBRUARY 2015

HLA Type	DRB1*	DRB1*	DRB3*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*										
	13:01	13:02	02:02	03:01	01:02	01:03	06:03	06:04	03:01	04:02										
Lab No.	Allele 1 DQB1*	Present	Allele 2 DQA1*	Present	Allele 3 DQB1*	Present	Allele 4 DQB1*	Present	Allele 5 DQB1*	Present	Allele 6 DQB1*	Present	Allele 7 DQA1*	Present	Allele 8 DQA1*	Present	Allele 9 DQA1*	Present	Allele 10 DQA1*	Present
16	06:02	No	05	No	03:02	No					02	No					02:01	No		
24	06:02	No	05		03:02	No					02	No			03					
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
85			05	No	03:02	No					02	No								
113	06:02	No	05	No	03:02	No					02	No	01:02	Yes	03	No	02	No		
124	06:02	No			03:02	No	03:05	No	03:10	No	02	No								
173			05	No	03:02	No	03:03	No			02	No			03	No				
201			05	No	03:02	No					02	No			03:01	No				
223	06:02	No	05	No	03:02	No					02	No	01:02	No	03	No	02	No		
225	06:02	No	05	No	03:02	No					02	No			03	No	02	No		
263			05	No	03:02	No					02	No			03	No	02:01	No		
269			05	No	03:02	No					02	No			03:01	No	02	No	03:02/03	No
274			05	No	03:02	No					02	No			03	No	02	No		
276	06:02	No	05	No	03:02	No					02	No					02	No		
278			05	No	03:02	No					02	No			03:01	No	02	No	03:02/03	No
279			05:01	No	03:02	No									03:01	No	02:01	No		
285			05:01	No	03:02	No									03:01	No	02:01	No		
307			05	No	03:02	No					02	No								
317			05	No	02/03:02	No					02	No			03:01	No	02	No	03:02/03	No
319			05	No	03:02	No					02	No								
329			05	No	03:02	No					02	No								

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

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 804/15 DESPATCHED ON 10TH FEBRUARY 2015

HLA Type	DRB1* 13:01	DRB1* 13:02	DRB3* 02:02	DRB3* 03:01	DQA1* 01:02	DQA1* 01:03	DQB1* 06:03	DQB1* 06:04	DPB1* 03:01	DPB1* 04:02								
Lab No.	Allele 11 DQB1*	Present	Allele 12 DRB1*	Present	Allele 13 DRB1*	Present	Allele 14 DRB1*	Present	Allele 15 DQA1*	Present	Allele 16 DRB1*	Present	Allele 17 DQB1*	Present	Allele 18 DQB1*	Present	Allele 19 DQA1*	Present
16			04:01/04:07	No														
24																		
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
85																		
113																		
124																		
173																		
201																		
223																		
225																		
263																		
269																		
274	03:01	No	04	No	07	No	03	No										
276																		
278																		
279	03:01	No	04	No	07	No	03	No			11	No	02:01	No	02:02	No	05:05	No
285	03:01	No	04	No	07	No	03	No			11	No	02:01	No	02:02	No	05:05	No
307																		
317									03	No								
319																		
329																		

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 805/15 DESPATCHED ON 10TH FEBRUARY 2015

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE: 4A2 09/14											
Class I	A*	A*	B*	B*	C*	C*					
	03:01	25:01	15:01	15:01/blank	03:03	03:03/blank					
HLA Type	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	
	04:01	13:01	01:01	01:03	01:03	03:01	03:02	06:03	02:01	04:01	
Lab No.	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
11	04	13	+	+			03	06:03			
14	04	13	01	01	01	03	03:02/85	06	02:01	04:01	
16	04:01	13	01	01	01	03:01	03:02	06:03			
17					01:03	03:01	03:02	06:03			
24	04	13	01	01	01:03	03:01	03:02/32/45/62/63/66N/68/81/85	06:03/14/41/44/60/61/65/67/90/91/92/110			
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
86	04	13			01	03:01	03:02	06			
113	04:01	13:01			01:03	03	03:02	06:03			
124	04	13					03:02	06:03			
126					?	03	03:02	?			
129	04:01						03:02	06:03			
154	04	13			01:03	03:01	03:02	06:03			
185	04	13			01	03	03:02	06:03			
201					01:03	03:01	03:02	06			
225	04	13									
269						03:01	03:02				
276									02	04	
307					01	03	03:02	06			

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

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 805/15 DESPATCHED ON 10TH FEBRUARY 2015

HLA Type	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*										
	04:01	13:01	01:01	01:03	01:03	03:01	03:02	06:03	02:01	04:01										
Lab No.	Allele 1 DQB1*	Present	Allele 2 DQA1*	Present	Allele 3 DQB1*	Present	Allele 4 DQB1*	Present	Allele 5 DQB1*	Present	Allele 6 DQB1*	Present	Allele 7 DQA1*	Present	Allele 8 DQA1*	Present	Allele 9 DQA1*	Present	Allele 10 DQA1*	Present
16	06:02	No	05	No	03:02	Yes					02	No					02:01	No		
24	06:02	No	05	No	03:02	Yes					02	No			03	Yes				
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
85			05	No	03:02	Yes					02	No								
113	06:02	No	05	No	03:02	Yes					02	No	01:02	No	03	Yes	02	No		
124	06:02	No			03:02	Yes	03:05	No	03:10	No	02	No								
173			05	No	03:02	Yes	03:03	No			02	No			03	Yes				
201			05	No	03:02	Yes					02	No			03:01	Yes				
223	06:02	No	05	No	03:02	Yes					02	No	01:02	No	03	Yes	02	No		
225	06:02	No	05	No	03:02	Yes					02	No			03	Yes	02	No		
263			05	No	03:02	Yes					02	No			03	Yes	02:01	No		
269			05	No	03:02	Yes					02	No			03:01	Yes	02	No	03:02/03	No
274			05	No	03:02	Yes					02	No			03	Yes	02	No		
276	06:02	No	05	No	03:02	Yes					02	No					02	No		
278			05	No	03:02	Yes					02	No			03:01	Yes	02	No	03:02/03	No
279			05:01	No	03:02	Yes									03:01	Yes	02:01	No		
285			05:01	No	03:02	Yes									03:01	Yes	02:01	No		
307			05	No	03:02	Yes					02	No								
317			05	No	02/03:02	Yes					02	No			03:01	Yes	02	No	03:02/03	No
319			05	No	03:02	Yes					02	No								
329			05	No	03:02	Yes					02	No								

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

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 805/15 DESPATCHED ON 10TH FEBRUARY 2015

HLA Type	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPB1*	DPB1*																			
	04:01	13:01	01:01	01:03	01:03	03:01	03:02	06:03	02:01	04:01	Allele 11	Present	Allele 12	Present	Allele 13	Present	Allele 14	Present	Allele 15	Present	Allele 16	Present	Allele 17	Present	Allele 18	Present	Allele 19	Present	
Lab No.	Allele 11	Present	Allele 12	Present	Allele 13	Present	Allele 14	Present	Allele 15	Present	Allele 16	Present	Allele 17	Present	Allele 18	Present	Allele 19	Present											
16			04:01	Yes																									
24																													
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
85																													
113																													
124																													
173																													
201																													
223																													
225																													
263																													
269																													
274	03:01	No	04	Yes	07	No	03	No																					
276																													
278																													
279	03:01	No	04	Yes	07	No	03	No			11	No	02:01	No	02:02	No	05:05	No											
285	03:01	No	04	Yes	07	No	03	No			11	No	02:01	No	02:02	No	05:05	No											
307																													
317									03	Yes																			
319																													
329																													