

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

METHODOLOGY

DESPATCHED ON 26/01/2016

SAMPLES 8 01-05/2016

Lab No.	Date received	Date tested	DRB1		DRB3,4,5		Method used		Source of Primers and Probes			Kit manufacturer	Detection method	Diseases covered	Comments
			DRB1	DRB3,4,5	DQA1	DQB1	DPA1	DPB1	Commercial Kits	Own Design	Other				
11			SSP	SSP									Gel	Coeliac, Narcolepsy	
14			Lum	Lum	Lum	Lum	Lum	Lum	Yes			One Lambda	Luminex	Coeliac, Narcolepsy, Diabetes	
16	27-Jan	28-Jan	SSP/Lum	SSP/Lum	Lum	SSP/Lum			Yes			Innotrain, Immucor	Gel, Fluorescence	Coeliac, Narcolepsy, Actinic Prurigo	
17									Yes			Invitrogen	Gel	Coeliac	
24	28-Jan	09-Feb	Lum			SSP/Lum			Yes			Immucor, Olerup	Gel, Fluorescence	Coeliac, Narcolepsy	
25	28-Jan	01-Feb	SSP/Lum	SSP/Lum	Lum	SSP/Lum	Lum	SSP/Lum	Yes			One Lambda	Fluorescence	Solid organ transplantation, DPB1* at low resolution	
86	02-Feb	05-Feb	SSP			SSP			Yes			Protrans	Gel	Coeliac	
113	27-Jan	27-Jan	SSP/Lum			SSP/Lum			Yes			One Lambda, Olerup	Gel, Fluorescence	Coeliac, Narcolepsy, Diabetes, Rheumatoid Arthritis	
124	29-Jan	01-Feb	SSP			SSP			Yes			One Lambda, Olerup	Gel	Coeliac, Narcolepsy	
126	01-Feb	08-Feb				RT-PCR		RT-PCR		Yes			Fluorescence	Coeliac	
127	04-Feb	11-Feb	Lum	Lum	Lum	Lum			Yes				Fluorescence		
129	26-Jan	17-Feb	SSOP			SSOP		SSOP		Yes			Time-resolved fluorometry	Coeliac, Narcolepsy, Diabetes	
154	27-Jan	01-Feb	SSP			SSP		SSP	Yes			Bionbio	Gel	Coeliac, Narcolepsy, Diabetes	
173	27-Jan	02-Feb				SSP		SSP	Yes			Olerup	Fluorescence	Coeliac	
185	27-Jan	03-Feb	Lum			Lum		SBT	Yes			Immucor, Protrans	Fluorescence	Coeliac, Narcolepsy, Rheumatoid Arthritis	
201	27-Jan	03-Feb				SSP		SSP	Yes			Olerup	Gel	Coeliac	
223	28-Jan	28-29-Jan				SSP		SSP	Yes			Olerup	Gel	Coeliac, Narcolepsy	
225	01-Feb	05-Feb	SSP			SSP		SSP	Yes			Olerup	Gel	Coeliac, Narcolepsy, Sarcoidosis	
245	27-Jan	03-Feb	SSOP			SSOP		SSOP	Yes			Olerup/BAG	Gel/Mr SPOT Processor	Coeliac, Narcolepsy, Diabetes, Rheumatoid Arthritis	
263	02-Feb	05-Feb				RT-PCR		RT-PCR		Yes			Fluorescence	Coeliac	
269	08-Feb	15-Feb				SSP		SSP	Yes			Euroimmun	Fluorescence	Coeliac	
274	27-Jan	01-Feb													
276	27-Jan	02-Feb	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Linkage Brosciences	Fluorescence/LinkSeq (RT-PCR)	Coeliac, Narcolepsy, MB, Bechterew, HIV Abacavir sensitivity, Transplantation	
278										Yes		Euroimmun	Fluorescence	Coeliac	
279	28-Jan	29-Jan	SSP			SSP		SSP	Yes					Coeliac	
285	28-Jan	03-Feb	SSP			SSP		SSP	Yes			Astra Formedic	Gel	Coeliac	
295	No information returned - late entry onto scheme														
307	28-Jan	12-Feb				SSP/SSOP		SSP/SSOP	Yes			Innolipa, Olerup (if ambiguities)	Gel, Line probe assay	Coeliac	
317	02-Feb	02-Mar				Euroimmun		Euroimmun	Yes			Euroimmun	Fluorescence (microarray)	Coeliac	
319	27-Jan	28-Jan				qPCR		qPCR		Yes			Fluorescence	Coeliac	
329	27-Jan	22-Feb				SSOP		SSOP	Yes			AnDiaTec	Fluorescence	Coeliac	
333	01-Feb	04-Feb	SSP			SSP		SSP	Yes			Operon	Reverse Hybridization	Coeliac	
338	28-Jan	01-Feb	SSP			SSP		SSP	Yes			Protrans	Gel	Coeliac	
342	26-Jan	19-Feb				SSP		SSP		Yes			Fluorescence	Coeliac, Narcolepsy	
343	27-Jan	10-Feb				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

DESPATCHED ON 26/01/2016

SAMPLE 801/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

Class I	A*	A*	B*	B*	C*	C*						
	03:01	29:02	27:05	44:03	02:02	16:01						
Class II	DRB1*	DRB1*	DRB4*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
	04:01	07:01	01:01	01:03	02:01	03:03	02:02	03:02			06:01	10:01

Lab No.	DRB1*	DRB1*	DRB4*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Comments
14	04	07	01		02	03	02	03:02	01	02	06	10	
24	04	07			02:01	03	02:02	03:02					DQB1*: string of alleles
25	04	07	01		02:01	03:01/02/03	02:02	03:02	01:03	02:01	06:01	10:01	
86	04	07			02:01	03:01	02:02	03:02					
113	04:01	07			02:01	03	02	03:02					
124	04	07					02:02	03:02					
126					02	03	02	03:02					
127	04	07	01:01		02	03	02	03					
129	04:01				02:01	03	02	03:02					
154	04	07			02:01	03:03	02:02	03:02					
185	04	07			02	03	02:02	03:02					
225	04	07											
245	04:01	07			02	03	02	03:02			06:01	10:01	
274	04	07			02	03	02	03:02					
276	04	07	01		02	03	02	03	01	02	06:01	10:01	
295													Not tested
307					02:01	03:03	02	03:02					
319						03:01	02	03:02					
342					02	03	02	03:02					

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SAMPLE 802/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

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*	DPA1*	DPA1*	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*	DPA1*	DPA1*	DPB1*	DPB1*	Comments
14	07	11	02	01:03:01:02N	02	05	03:01	03:03	01		04:02		
24	07	11			02:01	05	03:01	03:03					DQB1*: string of alleles
25	07	11	02	01:03:01:02N	02:01	05:05/09	03:01	03:03	01:03		04:02		
86	07	11			02:01	05:05	03:01	03:03					
113	07	11			02:01	05:05	03:01	03:03					
124	07	11					03:01	03:03					
126					02	05	?	?					
127	07	11	02	01	02	05	03	03					
129					02:01	05	03:01	03:03					
154	07	11			02:01	05:05	03:01	03:03					
185	07	11			02	05:05	03:01	03:03					
225	07	11											
245	07	11:01			02	05	03:01	03:03			04:02		
274	07	11			02	05	03:01						
276	07	11	02	01:03:01:02N	02	05	03		01		04:02	04:02P	For 2nd allele of DPB1* cannot exclude 105:01, which is a 04:02P
295													Not tested
307					02:01	05	03:01	03:03					
319						05							
342					02	05	03:01	03:03					

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RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 803/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

Class I	A*	A*	B*	B*	C*	C*								
	02:01	29:02	07:02	44:03	07:02	16:01								
Class II	DRB1*	DRB1*	DRB4*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*		
	04:01	15:01	01:03	01:01	01:02	03:01	03:02	06:02			04:01	04:01/blank		

Lab No.	DRB1*	DRB1*	DRB4*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Comments
14	04	15	01	01	01	03	03:02	06	01		04:01		
24	04	15			01	03:01	03:02	06:02					DQB1*: string of alleles
25	04	15	01	01	01:02	03:01/02/03	03:02	06:02	01:03		04:01		
86	04					03:01	03:02						
113	04:01	15			01:02	03	03:02	06:02					
124	04	15					03:02	06:02					
126					?	03	03:02	?					
127	04	15	01	01	01	03	03	06					
129	04:01						03:02	06:02					
154	04	15			01:02	03:01	03:02	06:02					
185	04	15			01	03	03:02	06:02					
225	04	15											
245	04:01	15:01			01	03	03:02	06:02			04:01		
274	04					03	03:02						
276	04	15	01	01	01	03	03	06	01		04:01		
295													Not tested
307					01	03:01	03:02	06					
319						03:01	03:02						
342					01	03	03:02	06:02					

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 804/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

Class I	A*	A*	B*	B*	C*	C*						
	01:01	32:01	08:01	14:01	07:01	08:02						
Class II	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
	03:01	07:01	01:01	01:01	02:01	05:01	02:01	02:02	01:03	blank	02:01	03:01

Lab No.	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Comments
14	03:01/22	07	01	01	02	05	02	02	01		02:01	03	
24	03	07			02:01	05:01	02:01	02:02					DQB1*: string of alleles
25	03	07	01	01	02:01	05:01	02:01	02:02	01:03		02:01	03:01	Cannot exclude DPB1*104:01
86	03:01	07			02:01	05:01	02:01	02:02					
113	03	07			02:01	05:01	02	02					
124	03	07					02						
126					02	05	02	?					
127	03	07	01	01	02	05	02	02					
129					02:01	05	02	02					
154	03	07			02:01	05:01	02:01	02:02					
185	03	07			02	05:01	02:01	02:02					
225	03	07											
245	03:01	07			02	05	02	02			02:01	03:01	
274	03	07			02	05	02						
276	03	07	01	01	02	05	02		01		02:01	03:01	
295													Not tested
307					02:01	05:01	02						
319						05	02						
342					02	05	02	02					

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SAMPLE 805/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

Class I	A*	A*	B*	B*	C*	C*						
	24:02	32:01	15:01	44:02	01:02	05:01						
Class II	DRB1*	DRB1*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	
	01:01	09:01	01:03	01:01	03:02	03:03	05:01	01:03	02:01	04:01	13:01	

Lab No.	DRB1*	DRB1*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Comments
14	01:01/07/11	09	01	01	03	03:03	05	01	02	04:01	13	
24	01	09		01	03	03:03	05:01					DQB1*: string of alleles
25	01	09	01	01:01/04/05	03:01/02/03	03:03	05:01	01:03	02:01	04:01	13:01	
86					03							
113	01:01	09		01	03	03:03	05					
124	01	09				03:03	05:01					
126				?	03	?	?					
127	01	09	01	01	03	03	05					
129					03	03:03	05:01					
154	01	09		01:01	03:02	03:03	05:01					
185	01	09		01	03	03:03	05:01					
225	01	09										
245	01	09		01	03	03:03	05			04:01	13:01	
274					03							
276	01	09	01	01	03	03	05	01	02	04:01	13:01	
295												Not tested
307				01	03:02	03:03	05					
319												
342				01	03	03:03	05					

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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 801/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

	DRB1*	DRB1*	DRB4*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*						
	04:01	07:01	01:01	01:03	02:01	03:03	02:02	03:02			06:01	10:01						
Lab No.	DQB1*	Present	DQB1*	Present	DQB1*	Present	DQB1*	Present	DQB1*	Present	DQB1*	Present	DQB1*	Present	DQB1*	Present	DQB1*	Present
11	02	Yes									03:02	Yes					06:02	No
16			02:01	No	02:02	Yes					03:02	Yes					06:02	No
17			02:01	No							03:02	Yes					06:02	No
124	02	Yes									03:02	Yes	03:05	No	03:10	No	06:02	No
126	02	Yes									03:02	Yes						
129	02	Yes									03:02	Yes						
173	02	Yes									03:02	Yes	03:03	No				
201	02	Yes									03:02	Yes						
223	02	Yes									03:02	Yes					06:02	No
225	02	Yes									03:02	Yes					06:02	No
263	02	Yes									03:02	Yes						
269	02	Yes					02/03:02	Yes										
276	02	Yes									03:02	Yes					06:02	No
278	02	Yes					02/03:02	Yes										
279			02:01	No	02:02	Yes			03:01	No	03:02	Yes						
285			02:01	No	02:02	Yes			03:01	No	03:02	Yes						
317	02	Yes					02/03:02	Yes										
319	02	Yes									03:02	Yes						
329	02	Yes									03:02	Yes						
333	02	Yes							03:01	No	03:02	Yes						
338			02:01	No	02:02	Yes			03:01	No	03:02	Yes						
343	02	Yes									03:02	Yes						

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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

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SAMPLE 801/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1*	DRB1*	DRB4*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
04:01	07:01	01:01	01:03	02:01	03:03	02:02	03:02			06:01	10:01

Lab No.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	
11															
16				02:01	Yes								05:01	No	
17									03:01	No			05:01	No	
124															
126		02	Yes					03	Yes			05	No		
129												05	No		
173								03	Yes			05	No		
201		02	Yes					03	Yes			05	No		
223	01:02	No	02	Yes				03	Yes			05	No		
225			02	Yes				03	Yes			05	No		
263				02:01	Yes			03	Yes			05	No		
269		02	Yes			02/03:01	Yes	03	Yes		03:02/03	Yes	05	No	
276													05	No	
278		02	Yes			02/03:01	Yes	03	Yes		03:02/03	Yes	05	No	
279				02:01	Yes					03:01	No			05:01	No
285				02:01	Yes					03:01	No			05:01	No
317		02	Yes			02/03:01	Yes	03	Yes			03:02/03	Yes	05	No
319													05	No	
329													05	No	
333		02	Yes					03	Yes			05	No		
338				02:01	Yes					03:01	No			05:01	No
343		02	Yes					03	Yes			05	No		

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CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1*	DRB1*	DRB4*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
04:01	07:01	01:01	01:03	02:01	03:03	02:02	03:02			06:01	10:01

Lab No.	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*		
11	Present		Present		Present		Present		Present		Present		Present		Present		
16			04:01	Yes						04:07	No						
124																	
126																	
129			04:01	Yes	04:02	No	04:03/06	No	04:04	No	04:05	No					
173																	
201																	
223																	
225																	
263																	
269																	
276																	
278																	
279	03	No	04	Yes								07	Yes	11	No		
285	03	No	04	Yes								07	Yes	11	No		
317																	
319																	
329																	
333	03	No	04	Yes								07	Yes	11	No	12	No
338	03	No	04	Yes								07	Yes	11	No		
343																	

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CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

	DRB1* 04:01	DRB1* 07:01	DRB4* 01:01	DRB4* 01:03	DQA1* 02:01	DQA1* 03:03	DQB1* 02:02	DQB1* 03:02	DPA1*	DPA1*	DPB1* 06:01	DPB1* 10:01						
Lab No.	Present		Present		Present		Present		Present		Present		Present	Present	Present	Present	Present	
11	α subunit DQ2.2		α subunit DQ2.5		α subunit DQ8		β subunit DQ2.2/2.5		β subunit DQ8		DQ2.2		DQ2.5		DQ8		DQ2	
16																		
17																		
124																		
126																		
129																		
173																		
201																		
223																		
225																		
263																		
269																		
276																		
278	α subunit DQ2.2	Yes	α subunit DQ2.5	No	α subunit DQ8	No	β subunit DQ2.2/2.5	Yes	β subunit DQ8	No	DQ2.2	Yes	DQ2.5	No	DQ8	No		
279																		
285																		
317																		
319															DQ8	Yes	DQ2	No
329																		
333																		
338																		
343																		

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PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 802/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	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.	DQB1*	Present	DQB1*	Present	DQB1*	Present	DQB1*	Present	DQB1*	Present	DQB1*	Present	DQB1*	Present	DQB1*	Present
11	02	No									03:02	No			06:02	No
16			02:01	No	02:02	No					03:02	No			06:02	No
17			02:01	No							03:02	No			06:02	No
124	02	No									03:02	No	03:05	No	03:10	No
126	02	No									03:02	No				
129	02	No									03:02	No				
173	02	No									03:02	No	03:03	Yes		
201	02	No									03:02	No				
223	02	No									03:02	No			06:02	No
225	02	No									03:02	No			06:02	No
263	02	No									03:02	No				
269	02	No					02/03:02	No								
276	02	No									03:02	No			06:02	No
278	02	No					02/03:02	No								
279			02:01	No	02:02	No			03:01	Yes	03:02	No				
285			02:01	No	02:02	No			03:01	Yes	03:02	No				
317	02	No					02/03:02	No								
319	02	No									03:02	No				
329	02	No									03:02	No				
333	02	No							03:01	Yes	03:02	Yes				
338			02:01	No	02:02	No			03:01	Yes	03:02	No				
343	02	No									03:02	No				

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 802/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	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*	DPA1*	DPA1*	DPB1*	DPB1*
	07:01	11:01	02:02	01:03N	02:01	05:05	03:01	03:03			04:02	04:02/blank
11		Present										
16					Present							
17					02:01	Yes						
124												
126			02	Yes					03	No		05
129												05
173									03	No		05
201			02	Yes					03	No		05
223	01:02	No	02	Yes					03	No		05
225			02	Yes					03	No		05
263					02:01	Yes			03	No		05
269			02	Yes			02/03:01	Yes	03	No		05
276												05
278			02	Yes			02/03:01	Yes	03	No		05
279					02:01	Yes					03:01	No
285					02:01	Yes					03:01	No
317			02	Yes			02/03:01	Yes	03	No		05
319												05
329												05
333			02	Yes					03	No		05
338					02:01	Yes					03:01	No
343			02	Yes					03	No		05

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 802/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1* DRB1* DRB3* DRB4* DQA1* DQA1* DQB1* DQB1* DPA1* DPA1* 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*	DPA1*	DPA1*	DPB1*	DPB1*	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
11	Present			Present																				
16					04:01	No									04:07	No								
124																								
126																								
129					04:01	No	04:02	No																
173																								
201																								
223																								
225																								
263																								
269																								
276																								
278																								
279	03	No	04	No											07	Yes	11	Yes						
285	03	No	04	No											07	Yes	11	Yes						
317																								
319																								
329																								
333	03	No	04	No											07	Yes	11	Yes				12	No	
338	03	No	04	No											07	Yes	11	Yes						
343																								

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 802/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

	DRB1* 07:01	DRB1* 11:01	DRB3* 02:02	DRB4* 01:03N	DQA1* 02:01	DQA1* 05:05	DQB1* 03:01	DQB1* 03:03	DPA1*	DPA1*	DPB1* 04:02	DPB1* 04:02/blank					
Lab No.	Present		Present		Present		Present		Present		Present		Present	Present	Present	Present	
	α subunit DQ2.2		α subunit DQ2.5		α subunit DQ8		β subunit DQ2.2/2.5		β subunit DQ8		DQ2.2		DQ2.5	DQ8	DQ2		
11																	
16																	
17																	
124																	
126																	
129																	
173																	
201																	
223																	
225																	
263																	
269																	
276																	
278	α subunit DQ2.2	Yes	α subunit DQ2.5	Yes	α subunit DQ8	No	β subunit DQ2.2/2.5	No	β subunit DQ8	No	DQ2.2	No	DQ2.5	No	DQ8	No	
279																	
285																	
317																	
319														DQ8	No	DQ2	No
329																	
333																	
338																	
343																	

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 803/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

	DRB1* 04:01	DRB1* 15:01	DRB4* 01:03	DRB5* 01:01	DQA1* 01:02	DQA1* 03:01	DQB1* 03:02	DQB1* 06:02	DPA1*	DPA1*	DPB1* 04:01	DPB1* 04:01/blank						
Lab No.	Present		Present		Present		Present		Present		Present		Present		Present		Present	
	DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*	
11	02	No									03:02	Yes					06:02	Yes
16			02:01	No	02:02	No					03:02	Yes					06:02	Yes
17			02:01	No							03:02	Yes					06:02	Yes
124	02	No									03:02	Yes	03:05	No	03:10	No	06:02	Yes
126	02	No									03:02	Yes						
129	02	No									03:02	Yes						
173	02	No									03:02	Yes	03:03	No				
201	02	No									03:02	Yes						
223	02	No									03:02	Yes					06:02	Yes
225	02	No									03:02	Yes					06:02	Yes
263	02	No									03:02	Yes						
269	02	No					02/03:02	Yes										
276	02	No									03:02	Yes					06:02	Yes
278	02	No					02/03:02	Yes										
279			02:01	No	02:02	No			03:01	No	03:02	Yes						
285			02:01	No	02:02	No			03:01	No	03:02	Yes						
317	02	No					02/03:02	Yes										
319	02	No									03:02	Yes						
329	02	No									03:02	Yes						
333	02	No							03:01	No	03:02	Yes						
338			02:01	No	02:02	No			03:01	No	03:02	Yes						
343	02	No									03:02	Yes						

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 803/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1*	DRB1*	DRB4*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
04:01	15:01	01:03	01:01	01:02	03:01	03:02	06:02			04:01	04:01/blank

Lab No.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	
11																	
16				02:01	No									05:01	No		
17									03:01	Yes				05:01	No		
124																	
126		02	No					03	Yes				05	No			
129													05	No			
173								03	Yes				05	No			
201		02	No					03	Yes				05	No			
223	01:02	Yes	02	No				03	Yes				05	No			
225			02	No				03	Yes				05	No			
263				02:01	No			03	Yes				05	No			
269		02	No			02/03:01	Yes	03	Yes		03:02/03	No	05	No			
276													05	No			
278		02	No			02/03:01	Yes	03	Yes		03:02/03	No	05	No			
279				02:01	No					03:01	Yes			05:01	No	05:05	No
285				02:01	No					03:01	Yes			05:01	No	05:05	No
317		02	No			02/03:01	Yes	03	Yes		03:02/03	No	05	No			
319													05	No			
329													05	No			
333		02	No					03	Yes				05	No			
338				02:01	No					03:01	Yes			05:01	No	05:05	No
343		02	No					03	Yes				05	No			

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 803/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1*	DRB1*	DRB4*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
04:01	15:01	01:03	01:01	01:02	03:01	03:02	06:02			04:01	04:01/blank

Lab No.	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*
11	Present		Present		Present		Present		Present		Present		Present		Present
16			04:01	Yes						04:07	No				
124															
126															
129			04:01	Yes	04:02	No	04:03/06	No	04:04	No	04:05	No			
173															
201															
223															
225															
263															
269															
276															
278															
279	03	No	04	Yes								07	No	11	No
285	03	No	04	Yes								07	No	11	No
317															
319															
329															
333	03	No	04	Yes								07	No	11	No
338	03	No	04	Yes								07	No	11	No
343															

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 803/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1*	DRB1*	DRB4*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
04:01	15:01	01:03	01:01	01:02	03:01	03:02	06:02			04:01	04:01/blank

Lab No.	α subunit DQ2.2	Present	α subunit DQ2.5	Present	α subunit DQ8	Present	β subunit DQ2.2/2.5	Present	β subunit DQ8	Present	DQ2.2	Present	DQ2.5	Present	DQ8	Present	DQ2	Present
11																		
16																		
17																		
124																		
126																		
129																		
173																		
201																		
223																		
225																		
263																		
269																		
276																		
278	α subunit DQ2.2	No	α subunit DQ2.5	No	α subunit DQ8	Yes	β subunit DQ2.2/2.5	No	β subunit DQ8	Yes	DQ2.2	No	DQ2.5	No	DQ8	Yes		
279																		
285																		
317																		
319															DQ8	Yes	DQ2	No
329																		
333																		
338																		
343																		

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 804/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*						
	03:01	07:01	01:01	01:01	02:01	05:01	02:01	02:02	01:03	blank	02:01	03:01						
Lab		Present		Present		Present		Present		Present		Present		Present		Present		Present
No.	DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*	
11	02	Yes									03:02	No					06:02	No
16			02:01	Yes	02:02	Yes					03:02	No					06:02	No
17			02:01	Yes							03:02	No					06:02	No
124	02	Yes									03:02	No	03:05	No	03:10	No	06:02	No
126	02	Yes									03:02	No						
129	02	Yes									03:02	No						
173	02	Yes									03:02	No	03:03	No				
201	02	Yes									03:02	No						
223	02	Yes									03:02	No					06:02	No
225	02	Yes									03:02	No					06:02	No
263	02	Yes									03:02	No						
269	02	Yes					02/03:02	Yes										
276	02	Yes									03:02	No					06:02	No
278	02	Yes					02/03:02	Yes										
279			02:01	Yes	02:02	Yes			03:01	No	03:02	No						
285			02:01	Yes	02:02	Yes			03:01	No	03:02	No						
317	02	Yes					02/03:02	Yes										
319	02	Yes									03:02	No						
329	02	Yes									03:02	No						
333	02	Yes							03:01	No	03:02	No						
338			02:01	Yes	02:02	Yes			03:01	No	03:02	No						
343	02	Yes									03:02	No						

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 804/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1* DRB1* DRB3* DRB4* DQA1* DQA1* DQB1* DQB1* DPA1* DPA1* DPB1* DPB1*
03:01 07:01 01:01 01:01 02:01 05:01 02:01 02:02 01:03 blank 02:01 03:01

Lab No.	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	Present DQA1*	
11																		
16				02:01	Yes										05:01	Yes		
17									03:01	No					05:01	Yes		
124																		
126			02	Yes				03	No				05	Yes				
129													05	Yes				
173								03	No				05	Yes				
201			02	Yes				03	No				05	Yes				
223	01:02	No	02	Yes				03	No				05	Yes				
225			02	Yes				03	No				05	Yes				
263					02:01	Yes		03	No				05	Yes				
269			02	Yes			02/03:01	Yes	03	No		03:02/03	No	05	Yes			
276														05	Yes			
278			02	Yes			02/03:01	Yes	03	No		03:02/03	No	05	Yes			
279					02:01	Yes				03:01	No				05:01	Yes	05:05	No
285					02:01	Yes				03:01	No				05:01	Yes	05:05	No
317			02	Yes			02/03:01	No	03	No		03:02/03	No	05	No			
319														05	Yes			
329														05	Yes			
333			02	Yes				03	No					05	Yes			
338					02:01	Yes				03:01	No				05:01	Yes	05:05	No
343			02	Yes				03	No					05	Yes			

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 804/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
03:01	07:01	01:01	01:01	02:01	05:01	02:01	02:02	01:03	blank	02:01	03:01

Lab No.	DRB1*	Present	DRB1*	Present	DRB1*	Present	DRB1*	Present	DRB1*	Present	DRB1*	Present	DRB1*	Present	DRB1*	Present
11																
16				04:01	No				04:07	No						
124																
126																
129				04:01	No	04:02	No									
173																
201																
223																
225																
263																
269																
276																
278																
279	03	Yes	04	No							07	Yes	11	No		
285	03	Yes	04	No							07	Yes	11	No		
317																
319																
329																
333	03	Yes	04	No							07	Yes	11	No	12	No
338	03	Yes	04	No							07	Yes	11	No		
343																

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 804/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*					
	03:01	07:01	01:01	01:01	02:01	05:01	02:01	02:02	01:03	blank	02:01	03:01					
Lab		Present		Present		Present		Present		Present		Present		Present		Present	
No.	α subunit DQ2.2		α subunit DQ2.5		α subunit DQ8		β subunit DQ2.2/2.5		β subunit DQ8		DQ2.2		DQ2.5		DQ8		DQ2
11																	
16																	
17																	
124																	
126																	
129																	
173																	
201																	
223																	
225																	
263																	
269																	
276																	
278	α subunit DQ2.2	Yes	α subunit DQ2.5	Yes	α subunit DQ8	No	β subunit DQ2.2/2.5	Yes	β subunit DQ8	No	DQ2.2	Yes	DQ2.5	Yes	DQ8	No	
279																	
285																	
317																	
319															DQ8	No	DQ2 Yes
329																	
333																	
338																	
343																	

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 805/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

	DRB1*	DRB1*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*							
	01:01	09:01	01:03	01:01	03:02	03:03	05:01	01:03	02:01	04:01	13:01							
Lab No.		Present		Present		Present		Present		Present		Present		Present		Present		Present
	DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*		DQB1*	
11	02	No									03:02	No					06:02	No
16			02:01	No	02:02	No					03:02	No					06:02	No
17			02:01	No							03:02	No					06:02	No
124	02	No									03:02	No	03:05	No	03:10	No	06:02	No
126	02	No									03:02	No						
129	02	No									03:02	No						
173	02	No									03:02	No	03:03	Yes				
201	02	No									03:02	No						
223	02	No									03:02	No					06:02	No
225	02	No									03:02	No					06:02	No
263	02	No									03:02	No						
269	02	No				02/03:02	No											
276	02	No									03:02	No					06:02	No
278	02	No				02/03:02	No											
279			02:01	No	02:02	No		03:01	No	03:02	No							
285			02:01	No	02:02	No		03:01	No	03:02	No							
317	02	No				02/03:02	No											
319	02	No								03:02	No							
329	02	No								03:02	No							
333	02	No						03:01	No	03:02	Yes							
338			02:01	No	02:02	No		03:01	No	03:02	No							
343	02	No								03:02	No							

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 805/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1*	DRB1*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
01:01	09:01	01:03	01:01	03:02	03:03	05:01	01:03	02:01	04:01	13:01

Lab No.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present		
	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*	DQA1*		
11																	
16				02:01	No								05:01	No			
17								03:01	No				05:01	No			
124																	
126		02	No					03	Yes			05	No				
129												05	No				
173								03	Yes			05	No				
201		02	No					03	Yes			05	No				
223	01:02	No	02	No				03	Yes			05	No				
225			02	No				03	Yes			05	No				
263				02:01	No			03	Yes			05	No				
269		02	No			02/03:01	No	03	Yes		03:02/03	Yes	05	No			
276													05	No			
278		02	No			02/03:01	No	03	Yes		03:02/03	Yes	05	No			
279				02:01	No					03:01	No			05:01	No	05:05	No
285				02:01	No					03:01	No			05:01	No	05:05	No
317		02	No			02/03:01	No	03	Yes			03:02/03	Yes	05	No		
319													05	No			
329													05	No			
333		02	No					03	Yes				05	No			
338				02:01	No					03:01	No			05:01	No	05:05	No
343		02	No					03	Yes				05	No			

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 805/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1* DRB1* DRB4* DQA1* DQA1* DQB1* DQB1* DPA1* DPA1* DPB1* DPB1*
01:01 09:01 01:03 01:01 03:02 03:03 05:01 01:03 02:01 04:01 13:01

Lab No.	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*	DRB1*
11	Present		Present		Present		Present		Present		Present		Present	
16			04:01	No					04:07	No				
124														
126														
129			04:01	No	04:02	No								
173														
201														
223														
225														
263														
269														
276														
278														
279	03	No	04	No							07	No	11	No
285	03	No	04	No							07	No	11	No
317														
319														
329														
333	03	No	04	No							07	No	11	No
338	03	No	04	No							07	No	11	No
343														

UK NEQAS for H&I Scheme 8 - HLA and Disease Typing for HLA-DR/DQ/DP only

PRESENCE/ABSENCE RESULTS OF PARTICIPATING LABORATORIES

DESPATCHED ON 26/01/2016

SAMPLE 805/2016

CONSENSUS TYPE FROM SCHEME 4A2 SAMPLE:

DRB1*	DRB1*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
01:01	09:01	01:03	01:01	03:02	03:03	05:01	01:03	02:01	04:01	13:01

Lab No.	α subunit DQ2.2	Present	α subunit DQ2.5	Present	α subunit DQ8	Present	β subunit DQ2.2/2.5	Present	β subunit DQ8	Present	DQ2.2	Present	DQ2.5	Present	DQ8	Present	DQ2	Present
11																		
16																		
17																		
124																		
126																		
129																		
173																		
201																		
223																		
225																		
263																		
269																		
276																		
278	α subunit DQ2.2	No	α subunit DQ2.5	No	α subunit DQ8	No	β subunit DQ2.2/2.5	No	β subunit DQ8	No	DQ2.2	No	DQ2.5	No	DQ8	No		
279																		
285																		
317																		
319															DQ8	No	DQ2	No
329																		
333																		
338																		
343																		