

**UK NEQAS for H&I Scheme 2A - Cytotoxic Crossmatching**

PBL/T-CELL AND B-CELL CROSSMATCHING METHOD OF SAMPLE 2A07+2A08/2015

DESPATCHED ON 14TH JULY 2015

Lab No.	Date Received	Date Tested	Cells used			Immunobeaded cells used?			Complement manufacturer	DTT addition		DTT Concentration		Volumes			Incubation Times				Visualisation of dead cells	Modifications to the standard NIH CDCXM method			
			PBL	T-cells	B-cells	T-cells	B-cells	Sera		Cells	DTT	DTT	Sera	Cells	Comp	DTT T-cell	DTT B-cell	Pre Comp T-cell	Pre Comp B-cell	Post Comp T-cell			Post Comp B-cell		
9	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1M	0.05	1	1	1	5	30	30	30	30	30	30	EB/AO		
11	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes			1	1	1	5	30	30	45	45	90	90	90	Fluoroquen		
12	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	1	1	1	5	30	30	30	30	90	60	90	EB/AO		
14	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	0.1	0.9	1	5	10	10	45	45	75	75	75	EB/AO		
15																									
20	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	1	1	1	5	30	30	30	30	60	60	60	EB		
23	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes			4	1	1	5	30	30	40	40	40	40	40	EB/AO		
24	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.05M	4	36	1	5	30	30	45	45	90	90	90	Fluoroquen	Extended incubation	
25	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes			9	81	1	5	30	30	45	45	60	60	60	Fluoroquen		
28	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes	Yes	0.01M	1	1	1	5	30	30	30	30	45	45	45	EB/AO		
34	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	1	1	1	5	30	30	30	30	90	90	90	EB/AO		
35	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1M	10	70	5	5	45	45	90	90	90	90	90	Fluoroquen		
38	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	1	1	1	5	60	60	60	60	60	60	60	EB/AO		
39	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1M	0.1	1	1	5	5	5	45	45	90	90	90	EB/AO		
41	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1M	0.05	1	1	5	30	30	45	45	60	45	60	EB/AO		
42	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	TCS Biosciences	Yes	Yes	0.01M	1	1	1	5	30	30	60	60	120	60	120	EB/AO		
45	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.005M	1	1	1	5	30	30	60	30	90	75	60	EB/AO		
51	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes			1	1	1	5			60	60	60	60	60	Fluoroquen		
54	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes									60	60	60	60	60	PI/AO		
58	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	2	1	5	45	45	60	60	90	90	90	Fluoroquen			
62	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes			1	1	1	5			60	120	60	120	60	EB/AO		
101	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes			5	45					30	30	60	60	60	Fluoroquen		
112	21-Jul	21-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1	0.9	1	5	30			60	60	120	60	120	Fluoroquen		
114	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	One Lambda	Yes		0.05M	0.1	1	1	5			30	60	30	60	30	Fluoroquen		
116	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.05M	4	36					20	20	30	30	60	EB/AO	Cells extracted with Rosettesep	
117	16-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Pei-Freeze	Yes														Fluoroquen	Extended incubation time: 60 and 120 minutes pre- & post-complement addition respectively.	
119	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Biorad	Yes		1	1	1	5	30			30		60		60	Eosin		
120	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Servbio	Yes		2	38	1	6	5	5	30	30	60	60	60	60	Fluoroquen		
126	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes			0.5	0.5	0.5	2			30	30	40	40	40	EB/AO		
128	16-Jul	17-Jul	Yes	Yes	Yes	Yes	Yes	One Lambda	Yes														Stain Fix		
136	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	In-House	Yes			1	1	1				60		60		60	EB/AO		
139	17-Jul	17-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.05M	5	45	1	5	20	20	30	30	60	60	60	Eosin	Washes	
143	21-Jul	24-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes									30	60	60	60	60	Eosin		
145	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Invitrogen	Yes									45	45	45	45	45	EB/AO		
147	16-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	In-House	Yes		0.005M	2	38	1	3	30	30	30	30	60	60	60	Fluoroquen		
149	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	In-House	Yes		0.5	0.5	0.5	1	5			60		60		60	Eosin		
154	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes			1 or 2	1	5			30	30	60	60	60	60	Eosin		
157	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes	Yes	0.05M	0.125	1	0.875	5	5	60	60	120	120	120	120	Fluoroquen		
159	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	In-House	Yes		10%	10%	1	1	5	45	45	30	30	60	60	60	Fluoroquen	AHG incubation during 30minutes	
162	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	0.1	0.9	1	5	45	45	60	60	60	60	60	Fluoroquen		
163	15-Jul	24-Jul	Yes	Yes	Yes	Yes	Yes	Servbio	Yes		0.1M%	1	1	1	5			30	30	60	60	60	Fluoroquen		
169	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	One Lambda	Yes		5mM	10	90	1	5	35	35	35	35	75	75	75	Fluoroquen		
174	18-Jul	18-Jul	Yes	Yes	Yes	Yes	Yes	One Lambda	Yes			1	1	1	5	30	30	60	60	120	120	120	Eosin		
181	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.005M	1	1	1	5			30	30	45	45	45	EB		
186	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Invitrogen	Yes		5mM	1	19	1	6	30	30	30	30	60	60	60	Fluoroquen		
189	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Innotrain	Yes			2	2	2	5								EB/AO	We prepared DDT solution 0.016g in 10ml RPMI. Then we incubated 1/1 DDT and sera 30'c. 37'c pre-complement addition and post complement addition times are 40'c	
190	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes			1	19	1	5	30	30	30	30	60	60	60	Fluoroquen		
193	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1M	2	38					5	30	30	30	60	Fluoroquen		
194																									
195	22-Jul	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Delay in sample delivery
197																									
204	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes			1/20	1	1	5	15	15	45	45	90	90	90	Fluoroquen		
206	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
209	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Ingen	Yes		0.015M	1	1	1	3	10	10	30	30	60	60	60	Fluoroquen		
210	20-Jul	20-Jul	Yes	Yes	Yes	Yes	Yes	Innotrain	Yes	Yes		100	1	1	5	30	60	30	30	60	60	60	Fluoroquen		
212	16-Jul	22-Jul	Yes	Yes	Yes	Yes	Yes	Biorad	Yes	Yes		4	4	4	5	60	60	20	20	40	40	40	Fluoroquen		
216	20-Jul	21-Jul	Yes	Yes	Yes	Yes	Yes	Biorad	Yes		1/10							30		60		60	PI		
223	15-Jul	17-Jul	Yes	Yes	Yes	Yes	Yes	Biorad	Yes									45	45	60	60	60	EB/AO		
227	15-Jul	24-Jul	Yes	Yes	Yes	Yes	Yes	GTI Diagnostic	Yes		0.005M	10	1 (1/3 dilution), 1 and 2	1	6			30	30	60	60	60	Fluoroquen		
229	20-Jul	20-Jul	Yes	Yes	Yes	Yes	Yes	Biotech	Yes		10%	10	90	1	5			30	30	60	60	60	EB/AO		
232	17-Jul	17-Jul	Yes	Yes	Yes	Yes	Yes	Biotest	Yes			0.5	0.5	0.5	2.5			45		60		60	Fluoroquen		
235	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	BAG	Yes		1	1	1	5	20			30		60		60	Eosin		
238	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Invitrogen	Yes		20%	2	38	1	5	20	20	45	45	90	90	90	Fluoroquen		
243	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Biorad	Yes			1	1	1	5			30	30	60	60	60	Fluoroquen		
245	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	BAG	Yes		0.1M	5	95	1	5	15	15	30	30	60	45	60	EB/AO		
252	22-Jul	22-Jul	Yes	Yes	Yes	Yes	Yes	Innotrain	Yes			1	1	1	5	30	30								
259	16-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Biorad	Yes									30	30	60	60	60	PI/AO		
260	16-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Innotrain	Yes		0.01%	1	1	1	5	30	30	30	30	60	60	60	Fluoroquen		
262	15-Jul	15-Jul	Yes	Yes	Yes	Yes	Yes	Life Technologies	Yes		1/2	1	1	1	5	15	15	30	30	60	60	90	Eosin		
268	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Gemtrak	Yes		1/10	3	27	1	5			30	30	60	60	60	EB/AO	AGH for T lymphocytes XM	
284	15-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1M	1	19	1	5	35	35	40	40	60	60	60	EB/AO	AHG treatment for T-cell XM	
293	16-Jul	16-Jul	Yes	Yes	Yes	Yes	Yes	Invitrogen	Yes		50	450	2400	5	60	60	60								