

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

PBL/T-CELL AND B-CELL CROSSMATCHING METHOD OF SAMPLE 2A05+2A06/2015

DESPATCHED ON 19TH MAY 2015

Lab No.	Date Received	Date Tested	Cells used		Immunobeaded cells used?		Complement manufacturer	DTT addition		DTT Concentration	Volumes			DTT Incubation Times			Post Comp	Visualisation of dead cells	Modifications to the standard NIH CDCXM method				
			T-cells	B-cells	T-cells	B-cells		Sera	Cells		DTT	Sera	Cells	Comp	T-cell	B-cell				T-cell	B-cell	T-cell	B-cell
9	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane									30	30	30	30	EB/AO			
11	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	1	1	1	5	30	30	45	45	90	90	Fluoroquench		
12	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	1	1	1	5	30	30	30	30	90	90	EB/AO		
14	20-May	20-May			Yes	Yes	Cedarlane	Yes		10%	0.1	0.9	1	5	10	10	45	45	75	75	EB/AO		
15	20-May	20-May	Yes	Yes	Yes	Yes	TCS Biosciences	Yes		0.02M	1	2	1	5	30	30	60	60	60	60	EB/AO		
20	20-May	22-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	1	1	1	5	30	30	30	30	60	60	EB		
23	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	Yes			0	1	1	5	NA	NA	40	40	40	40	EB/AO		
24	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.05	4	36	1	5	30	30	45	45	90	90	Fluoroquench		
25	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	*	1	1	5	NA	NA	45	45	60	60	Fluoroquench		
28	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	1	1	1	5	30	30	30	30	45	45	EB/AO		
34	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	1	1	1	5	30	30	30	30	90	90	EB/AO		
35	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1M	10	70	1	5	10	10	45	90			Fluoroquench		
38	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1M	0.1	0.9	1	5	NA	NA	60	60	60	60	EB/AO		
39	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1M	0.1	1	1	5	5	5	45	45	90	90	EB/AO		
41	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1M	2	36	1	5	30	30	60	45	60	45	EB/AO		
42	20-May	21-May	Yes	Yes	Yes	Yes	TCS Biosciences	Yes	Yes		1	1*	5			60	60	120	60			* cells are resuspended in 10%DTT (in RPMI) solution and added to sera.	
45																							
51	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes			1	1	1	5			60	60	60	60	Fluoroquench		
54	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	NA	NA		NA	1	1	5	NA	NA	60	60	60	60	PI/AO		
58	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.003M	1	2	1	5	45	45	60	60	90	90	Fluoroquench		
62	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	NA	NA		NA	NA	NA	NA	NA	NA	60	60	120	120	EB/AO		
101	20-May	21-May	Yes	Yes	Yes	Yes		Yes			5	45					30	30	60	60	Fluoroquench		
112	28-May	NT																					
114	20-May	21-May	Yes	Yes	Yes	Yes	One Lambda	Yes		0.05M	0.1	1	1	5			30	30	60	60	Fluoroquench		
116	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.05M	4	36			30		20		60		EB/AO		
117	21-May	21-May	Yes	Yes	Yes	Yes	PeI-Freeze	Yes			1	1	1	5	30		60		120		Fluoroquench		
119	20-May	21-May	Yes	Yes	Yes	Yes	Biorad	Yes			1	1	1	5	30		30		60		Eosin	Extended incubation time: 60 and 120 minutes pre- & post-complement addition respectively.	
120	20-May	21-May	Yes	Yes	Yes	Yes	Servbio	Yes		0.1M	2	38	1	6	5	5	30	30	60	60	Fluoroquench	AHG	
126	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes			20	10	20				30	30	30	30	TAAD	Flow CDC (FCTOX)	
128	20-May	21-May	Yes	Yes	Yes	Yes	One Lambda	Yes													Stain Fix		
136	20-May	21-May	Yes	Yes	Yes	Yes	In-House	Yes			1	1	1	5			60		60		EB/AO		
139	21-May	22-May	Yes	Yes	Yes	Yes	Cedarlane	Yes			5	45	1	5			30	30	60	60	Eosin	Washes	
143	22-May	22-May	Yes	Yes	Yes	Yes	Cedarlane	Yes									30		60		Eosin		
145	20-May	20-May	Yes	Yes	Yes	Yes	Invitrogen	Yes			2	38	1	3	30	30	45	45	45	45	EB/AO		
147	20-May	21-May	Yes	Yes	Yes	Yes	In-House	Yes			0.5	0.5	1	5	30	30	30	30	60	60	Fluoroquench		
149	20-May	21-May	Yes	Yes	Yes	Yes		Yes			1	1	1	5			60		60		Eosin		
154	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes			1	1	1	5			30	30	60	60	Eosin		
157	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes	Yes	0.001M	1	1	1	5	5	60	60	120	120	Fluoroquench	AHG		
159	20-May	21-May	Yes	Yes	Yes	Yes	In-House	Yes		0.05M	10	1	1	5	45	45	30	30	60	60	Fluoroquench		
162	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.01M	0.1	0.9	1	5	45	45	60	60	60	60	Fluoroquench		
163	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		5%	1	1	1	5	30	30	30	30	60	60	Fluoroquench		
169	20-May	21-May	Yes	Yes	Yes	Yes	One Lambda	Yes		5mM	10	90	1	5	35	75	35	75	35	75	Fluoroquench		
174																							
181	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.005M	1	1	1	5			30	30	45	45	EB/AO		
186	20-May	20-May	Yes	Yes	Yes	Yes	Invitrogen	Yes		5mM	1	19	1	6	30	30	30	30	60	60	Fluoroquench		
189	20-May	21-May	Yes	Yes	Yes	Yes	Innotrain	Yes	Yes		2	2	2	5	40	40	40	40	40	40	EB/AO		
190	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1mg/L	1	19	1	5	30	30	30	30	60	60	Fluoroquench		
193	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	Yes			2	38		5			30	30	60	60	Stainfix		
194	20-May	21-May	Yes	Yes	Yes	Yes	In-House	Yes			5	95	1	6	15	15	30	30	45	45	Fluoroquench		
195																							
197	21-May	22-May			Yes	Yes	One Lambda	Yes		1/20							30	30	60	60	Fluoroquench		
204	20-May	20-May	Yes	Yes	Yes	Yes	Cedarlane	Yes			1	1	1	5	15	15	45	45	90	90	Fluoroquench		
206	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes	Yes	0.01M	0.5	0.5	0.5	3.3	35	35	30	30	45	45	Fluoroquench		
209	20-May	20-May	Yes	Yes	Yes	Yes	One Lambda	Yes	Yes	0.015M	1	1	1	3	10	30	30	60	60	60	Fluoroquench		
210	21-May	21-May			Yes	Yes		Yes			100			5	30	60	30	30	60	60			
212																							
216	21-May	21-May	Yes	Yes	Yes	Yes	Biorad	Yes		1/10	1	1	1	5			30		60		PI		
223	20-May	22-May	Yes	Yes	Yes	Yes	Biorad	Yes									45	45	60	60	EB/AO		
227	20-May	29-May	Yes	Yes	Yes	Yes	Immucor	Yes			5	95		6	15	15	30	30	60	60	Fluoroquench		
229	21-May	21-May	Yes	Yes	Yes	Yes		Yes		1/10	10	90	1	5			30	30	60	60	EB/AO		
232	22-May	25-May	Yes	Yes	Yes	Yes	Biotest	Yes			1	0.5	0.5	2.5			45		60		Fluoroquench		
235	20-May	20-May	Yes	Yes	Yes	Yes	Biorad	Yes			1	19	1	5	20		60		60		Eosin		
238	20-May	29-May	Yes	Yes	Yes	Yes	Invitrogen	Yes		20%	2	38	1	5			45	45	90	90	Fluoroquench		
243	20-May	21-May	Yes	Yes	Yes	Yes	Biorad	Yes			1	1	1	5			30	30	60	60	Fluoroquench		
245	19-May	20-May	Yes	Yes	Yes	Yes	BAG	Yes		0.1M	0.05	0.95	1	5	15	15	30	30	60	45	EB/AO		
252	21-May	21-May	Yes	Yes	Yes	Yes	Innotrain	Yes			1	1	1	5	30	30							
259	25-May	25-May	Yes	Yes	Yes	Yes	Biorad	Yes			1	1	1	5	30	30	30	30	60	60	PI/AO		
260	21-May	21-May	Yes	Yes	Yes	Yes	Innotrain	Yes			1	1	1	5	30	30	30	30	60	60	Fluoroquench		
262	20-May	20-May	Yes	Yes	Yes	Yes	Life Technologies	Yes			1/2	1	1	1	5		30	60	60	90	Eosin		
268	20-May	21-May	Yes	Yes	Yes	Yes	Genttrak	Yes		1/10	3	27	1	5	45	45	30	30	60	60	EB/AO	AGH for T lymphocytes XM	
284	20-May	21-May	Yes	Yes	Yes	Yes	Cedarlane	Yes			1	19	1	5	35	35	40	40	60	60	EB/AO	AGH treatment for T-cell XM	
293	21-May	21-May	Yes	Yes	Yes	Yes	Invitrogen	Yes			50	450	2400	5	60	60	60	60	120	120	Eosin		
294	20-May	21-May	Yes	Yes	Yes	Yes	PeI-Freeze	Yes		0.1M	1	19	1	3	15	15	30	30	30	30	Fluoroquench	AHG	
297	20-May	21-May	Yes	Yes	Yes	Yes	Biochem	Yes			1	19	1	6	30	30	30	30	60	60	Fluoroquench		
301	21-May	22-May	Yes	Yes	Yes	Yes	Koninchen	Yes	Yes	1M	1	1	1	5	30	30	30	30	60	60	EB/AO		
311	20-May	20-May	Yes	Yes	Yes	Yes	Servbio	Yes		0.1M	1	1	1	5			30	30	60	60	Fluoroquench		
315	20-May	21-May	Yes	Yes	Yes	Yes	Servbio	Yes		1%	4	76		5	15	15	30	30	60	60	Fluoroquench		

EB - ethidium bromide
AO - acridine orange
PI - propidium iodide
Hb - haemoglobin
CFDA - carboxy-fluorescein diacetate