

**UK NEQAS FOR H&I SCHEME 2A - CYTOTOXIC CROSSMATCHING**

PBL/T-CELL AND B-CELL CROSSMATCHING METHOD OF SAMPLE 2A03+2A04/2015

DESPATCHED ON 24TH MARCH 2015

Lab No.	Date Received	Date Tested	Cells used		Immunobeaded cells used?		Complement manufacturer	DTT addition Sera	DTT Cells	Volumes				DTT		Incubation Times				Visualisation of dead cells	Modifications to the standard NIH CDCXM method	
			PBL	T-cells	B-cells	T-cells				B-cells	DTT	Sera	Cells	Comp	T-cell	B-cell	Pre Comp T-cell	Post Comp B-cell	T-cell			B-cell
9	26-Mar	27-Mar		Yes	Yes	Yes	Cedarlane									30	30	30	30	30	EB/AO	
11	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	1	1	5	30	30	45	45	90	90	90	Fluoroquench	
12	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	1	1	5	30	30	30	30	90	60	60	EB/AO	
14	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1	0.9	1	5	10	10	45	45	75	75	75	EB/AO	
15	25-Mar	25-Mar	Yes	Yes	Yes	Yes	TCS Biosciences	Yes		1	2	1	5	30	30	60	60	60	60	60	EB/AO	
20	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	1	1	5	30	30	30	30	60	60	60	EB	
23	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane														EB/AO	
24	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		4	36	1	5	30	30	45	45	90	90	90	Fluoroquench	
25	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	1	1	5	30	30	45	45	60	60	60	Fluoroquench	
28	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	1	1	5	30	30	30	30	45	45	45	EB/AO	
34	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	1	1	5	30	30	30	30	90	90	90	EB/AO	
35	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		10	70					45	60	60	60	60	Fluoroquench	
38	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1	0.9	1	5	60	60	60	60	60	60	60	EB/AO	
39	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1	1	1	5	5	5	45	45	90	90	90	EB/AO	
41	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.05	1	1	5	30	30	60	60	60	60	60	EB/AO	
42	25-Mar	26-Mar	Yes	Yes	Yes	Yes	TCS Biosciences	Yes	Yes	1	1	1	5	30	30	60	60	120	60	60	EB/AO	
45	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	1	1	5	30	30	60	30	90	75	75	EB/AO	
51	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes								60	60	60	60	60	Fluoroquench	
54	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	1	1	5	60	60	60	60	60	60	60	PI/AO	
58	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	2	1	5	45	45	60	60	90	90	90	Fluoroquench	
62	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	1	1	5	60	60	60	60	120	120	120	EB/AO	
101	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		5	45					30	30	60	60	60	Fluoroquench	
112	27-Mar	27-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		0.1	0.9	1	5	30	30	60	60	120	120	120	Stain Fix	
114	25-Mar	26-Mar	Yes	Yes	Yes	Yes	One Lambda	Yes								30	30	60	60	60	EB/AO	
116	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		4	36					30	20	60	60	60	EB/AO	
117	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Pei-Freeze	Yes								60	60	120	120	120	Fluoroquench	
119	26-Mar	27-Mar	Yes	Yes	Yes	Yes	Biorad	Yes		1	1	1	5	30	30	30	30	60	60	60	Eosin	One wash step/AHG
120	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Servbio	Yes		2	38	1	6	5	5	30	30	60	60	60	EB/AO	
126	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes													7AAD	Flow CDC (FCTOX)
128	27-Mar	31-Mar	Yes	Yes	Yes	Yes	One Lambda	Yes		1	1	1	5			60	60	60	60	60	Stain Fix	
136	25-Mar	26-Mar	Yes	Yes	Yes	Yes	In-House	Yes		1	1	1	5			60	60	60	60	60	EB/AO	
139	27-Mar	27-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		5	45	1	5			30	30	60	60	60	Eosin	Washes
143	27-Mar	27-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes								30	30	60	60	60	Eosin	
145	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Invitrogen	Yes								45	45	45	45	45	EB/AO	
147	25-Mar	25-Mar	Yes	Yes	Yes	Yes	In-House	Yes		3	57	1	3			30	30	60	60	60	Fluoroquench	
149	26-Mar	27-Mar	Yes	Yes	Yes	Yes	In-House	Yes		0.5	0.5	1	5	30	30	60	60	60	60	60	Eosin	
154	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1 or 2						30	30	60	60	60	Eosin	
157	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes	Yes	0.125	1	0.875	5	5	5	60	60	120	120	120	Fluoroquench	
159	25-Mar	25-Mar	Yes	Yes	Yes	Yes	In-House	Yes		10	1	1	5	45	45	30	30	60	60	60	Fluoroquench	
162	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		10	90	1	5	45	45	60	60	60	60	60	Fluoroquench	
163	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes								30	30	60	60	60	Fluoroquench	
169	25-Mar	26-Mar	Yes	Yes	Yes	Yes	One Lambda	Yes		10	90	1	5	35	75	35	75	75	75	75	Fluoroquench	
174	28-Mar	28-Mar	Yes	Yes	Yes	Yes	One Lambda	Yes		30	30					60	60	120	120	120	Eosin	
181	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1	1	1	5			30	30	45	45	45	EB/AO	
186	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Invitrogen	Yes		1	19	1	6	30	30	30	30	60	60	60	Fluoroquench	
189	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Innotrain	Yes	Yes	2	2	2	5	40	40	40	40	40	40	40	EB/AO	
190	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes								30	30	60	60	60	Fluoroquench	
193	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		2	38			30	30	30	30	60	60	60	Fluoroquench	
194	25-Mar	25-Mar	Yes	Yes	Yes	Yes	In-House	Yes								30	30	45	45	45	Fluoroquench	
195	26-Mar	27-Mar	Yes	Yes	Yes	Yes	One Lambda	Yes						30	30	30	30	60	60	60	Fluoroquench	
204	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		1/20	1	1	5	15	15	45	45	90	90	90	Fluoroquench	
206	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes	Yes	0.5	0.5	0.5	3.3	35	35	30	30	45	45	45	Fluoroquench	
209	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Ingen	Yes		1	1	1	5	10	10	30	30	60	60	60	Fluoroquench	
210	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Ingen	Yes	Yes	100	1	1	5	30	60	30	30	60	60	60	Fluoroquench	
212	26-Mar	27-Mar	Yes	Yes	Yes	Yes	Biorad	Yes	Yes	3	3	3	5	60	60	20	20	40	40	40	Fluoroquench	
216	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Biorad	Yes		2	18	1	5	30	30	30	30	60	60	60	PI	
223	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Biorad	Yes								45	45	60	60	60	EB/AO	
227	25-Mar	25-Mar	Yes	Yes	Yes	Yes	Immucor	Yes		5	95	1	6			30	30	60	60	60	Fluoroquench	
229	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		10	90	1	5								EB/AO	
232	02-Apr	02-Apr	Yes	Yes	Yes	Yes	Biotest	Yes			0.5	0.5	2.5			45	60	60	60	60	Fluoroquench	
235	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Biorad	Yes		1			5	20		30	30	60	60	60	Eosin	
238	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Invitrogen	Yes		2	38	1	5			45	45	90	90	90	Fluoroquench	
243	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Invitrogen	Yes		1	1	1	5			30	30	60	60	60	Fluoroquench	
245	25-Mar	25-Mar	Yes	Yes	Yes	Yes	BAG	Yes		0.05	0.95	1	5	15	15	30	30	60	45	45	EB/AO	
252	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Invitrogen	Yes		1	1	1	1								EB/AO	
259	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Biorad	Yes								30	30	60	60	60	PI/AO	
260	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Innotrain	Yes		1	1	1	5			30	30	60	60	60	EB/AO	
262	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Life Technologies	Yes		1	1	1	5	15	15	30	30	60	60	60	Eosin	
268	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Centrak	Yes		3	27		5	45	45	30	30	60	60	60	EB/AO	
284	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes								40	40	60	60	60	EB/AO	
293	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Invitrogen	Yes		50	450	2400	5	60	60	60	60	120	120	120	Eosin	
294	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Pei-Freeze	Yes		1	19			15	15	30	30	30	30	30	Fluoroquench	
297	25-Mar	26-Mar	Yes	Yes	Yes	Yes	Biochem	Yes		1	19	1	6	30	30	30	30	60	60	60	Fluoroquench	
301	26-Mar	26-Mar	Yes	Yes	Yes	Yes	Invitrogen	Yes	Yes	1	1	1	5	30	30	30	30	60	60	60	EB/AO	
311	24-Mar	25-Mar	Yes	Yes	Yes	Yes	Servbio	Yes		3	57	1	5			30	30	60	60	60	Fluoroquench	
315	24-Mar	24-Mar	Yes	Yes	Yes	Yes	Cedarlane	Yes		2	38	1	5			30	30	50	50	50	Fluoroquench	

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