2B03/2019 OS

T-cells	Serum 1	Serum 2	Serum 3	Serum 4									
Total distributed	25	25	25	25									
Total submitted	25	25	25	25									
Not Tested	4	3	3	3									
Positive	15	19	-	17									
Negative	4	3	22	4									
Fruituand	4	5	22	4									
Equivocai	2	-	-	77.0									
% Positive	71.4	86.4	-	11.3									
% Negative	19	13.6	100	18.2									
% Equivocal	9.5	-	-	4.5									
Consensus		Positive	Negative	Positive									
Unacceptable	-	Negative	-	Negative									
				Equivocal									
Number acceptable	-	19	22	17									
Number unacceptable	-	3	0	5									
Assessed 🔽		2	2	2									
<u></u>				-		Cytomete	r Reading	1					
Lab	Somm 1	Sorum 2	Corum 2	Sorum 4	Sorum 1	Cytomete Sorum 2	Forum 2	Some 4		Units for automator readings	T call local pag control	T call local nea control	T coll non requirt value
LaD	Desitive	Desitive	Seruin S	Desitive	Seruin 1	Seruin 2	Seruin S	Seruin 4			1-cell local neg control	r-centocal pos control	r-cen pos result value
101	Positive	Positive	Negative	Positive	0.40	100	100	075	0		101	070	CO l'anna a la constante de la c
114	Positive	Positive	Negative	Positive	349	409	168	375	87	median linnear channel	164	373	50 linear channel
119	Not Tested	Positive	Negative	Positive		1,39 MnIX	0,164 MnIX	0,521 MnIX	97	MnIX	0,154	16,4	RATIO:POS>1,285(B.LINE UP TO 1,45)
136	Positive	Positive	Negative	Positive	6.9	19	1.5	13	99	Geo mean	1.83	165	NR>200
													NR -Relative Number NR= (Mean Channel sample/Mean Channel Negative Control)x100
142	Negative	Positive	Negative	Negative	477	580	281	489	89.6	Median log channel	245	3170	358 (245+3SD)
162	Equivocal	Positive	Negative	Positive					99	300000			2SD
163	Not Tested	Not Tested	Not Tested	Not Tested					96	Geomean linear channel (serum/negative control)	not tested	not tested	not tested
176	Positive	Positive	Negative	Positive	0.42	0.61	0.01	0.42	0	MEL shift	0	0.67	0.4
185	Positive	Positive	Negative	Positive	0.56	0.62	0.44	0.53	õ		0.41	0.03	
105	Positive	Positive	Negative	Positive	0,50	5.02	0,44	2.04	00	maan fluorooonoo intonoity lag ahannal	0,41	14.7	1.5 fold the least regetive centrel
100	Desitive	Desitive	Negative	Desitive	2.00	1055	0.00	2.54	30	MEL	0.75	14.7	Define and the local negative control
193	Positive	Positive	Negative	Positive	1621	4955	301	2950	99	MFI	355	10677	Ratio: median of serum/median of negative control >2.4
194	Positive	Positive	Negative	Positive	3	4.2	0.5	1.6	90	median	0.5	9.6	ratio>2.2
204	Positive	Positive	Negative	Positive	0.775	2.75	0.283	1.69	0	Mean log channel	0.281	45.2	0.421 = 1.5 x loc neg control
206	Positive	Positive	Negative	Positive	0.49	0.99	0.34	0.8	90	MFI	0.32	0.49	ratio MFI (serum/negative control) >1.5
209	Positive	Positive	Negative	Positive	2361 (5.2)	4881 (10.8)	482 (1.1)	5358 (11.9)	89	Geometric Mean Log Channel Ratio	450	1565 (3.5)	>1.6
220	Positive	Positive	Negative	Positive	8907.5	50176.0	1998.0	57903.0	98	linear acquisition, linear values	1721.5	159416	6000 above the mean of the negative controls
230	Not Tested	Not Tested	Not Tested	Not Tested			,.	, .	50	MEL			.
238	Positive	Positive	Negative	Equivocal	3889	5036	2371	2941	0	MESE	2504	3568	MESE Serum / MESE negative control
200	1 031110	1 031110	Negative	Equivoodi	0000	0000	2071	2041	0	MEO	2004	0000	MEON OCIUM / MEON NOGALVO CONACI
245	Equivoool	Desitivo	Negativo	Desitive	5	16	1	0 5	100	linear channel chift	0.E moon linear abannal	76 linear abannal shift	7 linear channel shift
243	Equivocal	Fositive	Negative	Fositive	0005	10	1500	0.0	100		0.5 mean inear channel	ACCOR	
202	Negative	Negative	Negative	Negative	2005	3001	1569	2460	74	median channel shift	2172	13505	
284	Positive	Positive	Negative	Positive	165	328	101	256	100	median log channel	93	127	sample serum / negative control ratio > 1,2 and > to local positive control
297	Negative	Negative	Negative	Negative	51	134	124	83	0	FI Median	85	196	1.8xTneg
311									0				
315	Not Tested	Not Tested	Not Tested	Not Tested					10				
358	Positive	Positive	Negative	Positive					0				
374	Negative	Negative	Negative	Negative					90				

UK NEQAS for H&I Scheme 2B - Crossmatching by Flow Cytometry

Lab Comments	Received	Tested	Assessment
101	25/06/2019	26/06/2019	100%
114	26/06/2019	28/06/2019	100%
119 S1-SERUM not tested by accident	26/06/2019	26/06/2019	100%
136 NR -Relative Number	26/06/2019	27/06/2019	100%
NR= (Mean Channel sample/Mean Channel Negative Control)x100			
142	26/06/2019	28/06/2019	66.70%
162 Scheme filling was validated by Elena Longhi but it was not possible to correct the name automatically selected.	26/06/2019	26/06/2019	100%
Serum 1 was tested but results were not determined because of a too high background.			
163 Serum tubes cracked during centrifugation	26/06/2019	0000-00-00	Not assessed
176	26/06/2019	27/06/2019	100%
185 B-cell XM borderline results for sera 1, 2 and 4, interpreted as positive in combination with T-cell XM results.	26/06/2019	26/06/2019	100%
186	26/06/2019	26/06/2019	100%
193	26/06/2019	26/06/2019	100%
194 the samples were received with a delay of 48 hours after dispatching	27/06/2019	27/07/2019	100%
204	26/06/2019	26/06/2019	100%
206 the whole assay was unusually hyporeactive, it is to say that the MFI ratio (NIBSC positive control/ negative control) is usually:	26/06/2019	26/07/2019	100%
>1.6 on Tcells			
>1.8 on Bcells			
209	0000-00-00	0000-00-00	100%
220	26/06/2019	27/06/2019	100%
230 Poor sample quality. The sample was hemolysed. Both cell count and viability was low for cross-match assessment.	02/07/2019	0000-00-00	Not assessed
238 Serum 1 B-cell : weak but antibody DR*04:01 MFI 9663 and DQ*03:01 MFI 3425	26/06/2019	26/06/2019	66.70%
Serum 4 T-cell : weak but antibody B*07:02 MFI 12806			
245	26/06/2019	27/06/2019	100%
262 SAMPLE S1 appears as weak positive with ratio sample/neg=1.6 and positive cells < 10%	26/06/2019	26/06/2019	33.30%
284	26/06/2019	27/06/2019	100%
297	27/06/2019	28/07/2019	33.30%
311 Technique not in use due to staff shortages	0000-00-00	0000-00-00	Not assessed
315 Samples were received in the lab on 26th June 2019, during a heat wave. We received the specimens at room temperature.	26/07/2019	0000-00-00	Not assessed
At the analysis on flowcytometer, we observed a too high mortality of cells. We were thus not abale to interpretate and analyse the data.			
358	0000-00-00	0000-00-00	100%
374	03/07/2019	04/07/2019	33.30%

NEQ-117 Issue 3 Effective Date 12/03/18

UK NEQAS for H&I is operated by Velindre University NHS Trust, a UKAS accredited proficiency testing provider No 8351. © Confidential report; no data may be published without permission from UK NEQAS for H&I

JK NEQAS ternational Quality Expertise

2B03/2019 OS

UK NEQAS for H&I Scheme 2B - Crossmatching by Flow Cytometry

B-cells	Serum 1	Serum 2	Serum 3	Serum 4									
Total distributed	24	24	24	24									
Total submitted	24	24	24	24									
Not Tested	4	3	3	3									
Positive	16	17	2	17									
Equivocal	3	-	-	-									
Negative	1	4	19	4									
% Positive	80	81	9.5	81									
% Equivocal	15	-	-	-									
% Negative	5	19	90.5	19									
Consensus	Positive	Positive	Negative	Positive									
Unacceptable	Equivocal	Negative	Positive	Negative									
	Negative												
Number accentable	16	17	19	17									
Number unacceptable	4	4	2	4									
			2										
<u>/////////////////////////////////////</u>	<u>m</u>	<u> </u>	<u> </u>	<u> </u>	Î.	Cytomete	r Reading		Î.				
Lab	Sorum 1	Sorum 2	Sorum 3	Sorum 4	Serum 1	Sorum 2	Sorum 3	Sorum 4	Cell viability	Units for cytometer readings	B-cell local per control	B-cell local pos control	B-cell nos result value
101	Positive	Positive	Negative	Positive	ocrain 1	ocrain 2	ocram o	ocrain 4		MEI	B-cell local neg colla of	B-cell local pos control	D-cell pos lesalt value
114	Positive	Positive	Negative	Positive	535	502	478	521	97	median linnear channel	421	600	60 linear channel
114	Not Tested	Positive	Negative	Positive	555	6.00 MpIX	1.23 MplY	4.84 MpIX	07	MolY	2 002	24.4	
136	Not rested	r ositive	Negative	POSITIVE		0,03 101117	1,25 101117	4,04 101117	00	Geomean	2,032	24,4	NATIO.P 03-1,7(B.EINE.1,3-1,7)
150									55	Geomean			
1/2	Positivo	Positivo	Negative	Positivo	3014	1800	802	2243	80.6	Median log channel	1007	8700	1367 (1007+39D)
162	Equivocal	Positive	Negative	Positive	0014	1000	002	2240	00.0	300000	1031	0722	290
102	Lquivocai	r ositive	Negative	POSITIVE					55	300000			230
163	Not Tested	Not Tested	Not Tested	Not Tested					96	Geomean linear channel (serum/negative control)	not tested	not tested	not tested
176	Positive	Positive	Negative	Positive	0.48	0.43	0.12	0.38	0	MEL shift	0	0.76	0.22
195	Positive	Positive	Negative	Positive	0.40	0.43	-0.12	0.30	0	IVIT I STILL	0.24	0.78	290
186	Positive	Positive	Negative	Positive	5.80	6.88	2	5.37	00	mean fluorescence intensity, log channel	2.23	47.0	2 fold the local negative control
100	Positive	Positive	Negative	Positive	11500	0.00	2574	8477	90	MEI	2800	25108	Patio: median of serum/median of negative control >2.3
104	Positive	Positive	Negative	Positive	7.0	8.8	1.5	7	00	median	1 7	41.3	ratio>3
204	Positive	Positive	Negative	Positive	7.28	7.02	0.070	6 50	0	Mean log channel	1.92	70.8	3.63 = 2 x loc per control
204	Desitive	Desitive	Negative	Positive	1.20	1.02	0.575	1.42	00	MEI	0.64	0.01	Detic MEL (comm/negitive control) >1.4
200	FUSILIVE	FUSILIVE	negative	FOSILIVE	1.55	1.02	0.05	1.43	90	MFI	0.04	0.91	Rado MFT (serun/positive control) > 1.4
200	Positivo	Positivo	Negative	Positivo	14100 (3.5)	13674 (3.4)	3640 (0.0)	19090 (4.5)	80	Geometric Mean Log Channel Ratio	4064	7765 (1.0)	>17
205	Positive	Positive	Negative	Positive	25217.0	42815.5	3876.5	75659.5	98	linear acquisition linear values	3107 5	237110	6000 above the mean of the negative controls
220	Not Tested	Not Tested	Not Tested	Not Tested	20211,0	42010,0	0070,0	10000,0	50	MEI	0101,0	201110	bood above the mean of the negative controls
200	Equivocal	Negative	Negative	Negative	0379	7880	4070	6360	0	MESE	5078	10454	MESE Serum / MESE pegative control
230	Lquivocai	Negative	Negative	negative	3370	7005	4070	0300	0	MESI	3078	19404	MESI Seruni / MESI negative control
245	Positive	Positive	Negative	Positive	25	34	15	24	100	linear channel shift	6 mean linear channel	136 linear channel shift	15 linear channel shift
240	Equivocal	Negative	Negative	Negative	7376	6034	2920	5878	74	median channel shift	4348	37447	2SD
284	Positive	Positive	Negative	Positive	311	321	177	287	100	median log channel	204	213	sample serum / negative control ratio > 1.2 and > to local positive control
204	Negative	Negative	Positive	Negative	126	390	2441	110	0	FI Median	246	854	2vTner
311	Negative	Negative	1 031110	Negative	120	000	2441	115	0	1 median	240	004	ZXIIIog
315	Not Tested	Not Tested	Not Tested	Not Tested					10				
515	NOL TESLEU	1101 103100	Not realed	1101 163160					10				
358	Positive	Positive	Negative	Positive					0				
374	Positive	Negative	Positive	Negative					an				
014		gauve		gauve	•								

UK NEQAS for H&I is operated by Velindre University NHS Trust, a UKAS accredited proficiency testing provider No 8351. © Confidential report; no data may be published without permission from UK NEQAS for H&I

UK NEQAS for H&I Scheme 2B - Crossmatching by Flow Cytometry

Lab Comments	Received	Tested	Assessment
101	25/06/2019	26/06/2019	100%
114	26/06/2019	28/06/2019	100%
119 S1-SERUME not tested by accident	26/06/2019	26/06/2019	100%
136 NR -Relative Number	26/06/2019	27/06/2019	Not assessed
NR= (Mean Channel sample/Mean Channel Negative Control)x100			
142	26/06/2019	28/06/2019	100%
162 Scheme filling was validated by Elena Longhi but it was not possible to correct the name automatically selected.	26/06/2019	26/06/2019	75%
Serum 1 was tested but results were not determined because of a too high background.			
163 Serum tubes cracked during centrifugation	26/06/2019	0000-00-00	Not assessed
176	26/06/2019	27/06/2019	100%
185 B-cell XM borderline results for sera 1, 2 and 4, interpreted as positive in combination with T-cell XM results.	26/06/2019	26/06/2019	100%
186	26/06/2019	26/06/2019	100%
193	26/06/2019	26/06/2019	100%
194 the samples were received with a delay of 48 hours after dispatching	27/06/2019	27/07/2019	100%
204	26/06/2019	26/06/2019	100%
206 the whole assay was unusually hyporeactive, it is to say that the MFI ratio (NIBSC positive control/ negative control) is usually:	26/06/2019	26/07/2019	100%
>1.6 on Tcells			
>1.8 on Bcells			
209	0000-00-00	0000-00-00	100%
220	26/06/2019	27/06/2019	100%
230 Poor sample quality. The sample was hemolysed. Both cell count and viability was low for cross-match assessment.	02/07/2019	0000-00-00	Not assessed
238 Serum 1 B-cell : weak but antibody DR*04:01 MFI 9663 and DQ*03:01 MFI 3425	26/06/2019	26/06/2019	25%
Serum 4 T-cell : weak but antibody B*07:02 MFI 12806			
245	26/06/2019	27/06/2019	100%
262 SAMPLE S1 appears as weak positive with ratio sample/neg=1.6 and positive cells < 10%	26/06/2019	26/06/2019	25%
284	26/06/2019	27/06/2019	100%
297	27/06/2019	28/07/2019	0%
311 Technique not in use due to staff shortages	0000-00-00	0000-00-00	Not assessed
315 Samples were received in the lab on 26th June 2019, during a heat wave. We received the specimens at room temperature.	26/07/2019	0000-00-00	Not assessed
At the analysis on flowcytometer, we observed a too high mortality of cells. We were thus not abale to interpretate and analyse the data.			
358	0000-00-00	0000-00-00	100%
374	03/07/2019	04/07/2019	25%

358 374

2B04/2019 OS

T-cells	Serum 1	Serum 2	Serum 3	Serum 4									
Total distributed	25	25	25	25									
Total submitted	25	25	25	25									
Not Tested	1 5	4	4	4									
Negative	ə 19	2	5	3									
Positive	a 1	17	14	16									
Equivoca	I -	2	2	2									
% Negative	95	9.5	23.8	14.3									
% Positive	- 5	81	66.7	76.2									
% Equivoca	· ·	9.5	9.5	9.5									
Consensus	Nogativo	Positivo	-	Positivo									
Unaccontable	Positive	Negative		Negative									
onacceptable	F TOSILIVE	Equivocal		Equivocal									
Number econtable	10	17		16									
	= 19	17	-	10									
Number unacceptable		4	-	5									
Assessed				<u>M</u>									
						Cytomete	er Reading						
Lab	Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4	Cell viability	Units for cytometer readings	T-cell local neg control	T-cell local pos control	T-cell pos result value
101	Negative	Positive	Positive	Positive					0	MFI			
114	1 Negative	Positive	Positive	Positive	186	356	338	378	91	median linnear channel	203	490	50 linear channel
119	Not Tested	Positive	Positive	Negative		0,461	0,735	1,41	90	MnIX	0,170	5,51	RATIO:POS>1,285(B.LINE UP TO 1,45)
136	6 Negative	Positive	Positive	Positive	1.8	12	7	16	98	Geo mean	1.93	263	NR>200
													NR -Relative Number NR= (Mean Channel sample/Mean Channel Negative Control)x100
142	2 Negative	Positive	Equivocal	Positive	105	354	263	307	91.5	Median log channel	99	2978	106 (99+3SD)
162	2 Negative	Positive	Positive	Positive					99	300000			2SD
163	Not Tested	Not Tested	Not Tested	Not Tested					96	geomean linear channel (serum/negative control)	not tested	not tested	
176	8 Negative	Positive	Positive	Positive	0.01	0.46	0.41	0.61	0	MFI shift	0	0.77	0.4
185	5 Negative	Negative	Positive	Positive	0.39	0.42	0.51	0.52	0		0.41	1.10	2SD
186	6 Negative	Positive	Positive	Positive	0.59	2.26	2.04	3.5	90	mean fluorescence intensity - log channel	0.6	15.6	1.5 fold the local negative control
193	3 Negative	Positive	Positive	Positive	293	2666	1572	3953	99	MFI	332	11308	Ratio : median of serum/median of negative control >2.4
194	Negative	Positive	Positive	Positive	0.5	1.2	2.9	2.7	90	median	0.54	7.9	ratio>2.2
204	Negative	Positive	Positive	Positive	0.339	1.53	0.848	2.26	0	Mean log channel	0.332	21.8	0.497 = 1.5 x loc neg control
206	S Negative	Positive	Negative	Positive	0.36	0.7	0.49	1.02	90	MEI	0.34	0.57	ratio MEL (serum/ negative control) >1.6
200	Negative	Positive	Positive	Positive	412 (0.9)	1 4098 (9 0)	2296 (5.)	3680 (8.1)	93	Geometric Mean Log Channel Ratio	457	3029 (6.6)	>1.6
200) Negative	Positive	Positive	Positive	1848 5	31889.5	10003.0	41922.0	98	linear acrisition linear values	1542 75	221009.0	6000 above the mean of the negative controls
230	Not Tested	Not Tested	Not Tested	Not Tested	1010,0	01000,0	.0000,0		40	MEI	1012,10	221000,0	
200	8 Negative	Equivocal	Equivocal	Positive	2164	3170	3/01	4162	40	MESE	2321	3617	MESE Serum / MESE negative control
230	Negative	Lquivocai	Lquivocai	r ositive	2104	5175	3431	4102	0	MESI	2321	3017	MEOF Serun / MEOF negative control
245	Not Tested	Not Tested	Not Tested	Not Tested					100	linear channel shift			
240	Negativa	Norresieu	Negotivo	Equivocal	1016	2555	2202	2101	100	median channel shift	1010	17022	260
202	Negative	Equivoool	Desitive	Equivocal	111	2000	177	104	100	median log shannal	01	1/033	20D $approximation approximation approximat$
204	Pregative	Equivocal	Positive	Equivocal	114	107	25	194	100	Median Elysteresense Interesity	405	143	4. 0. There
297	Positive	Positive	Negative	Negative	100	219	35	130	0	Median Fluorescence Intensity	105	412	Loxineg
311	Mad Tested	Mad Tandad	Mad Tanda d	Mad Tandad					0				
315	Not lested	NOT rested	NOT rested	NOT (ested					10				
									1				
358	3 Negative	Positive	Negative	Positive					0				
374	Negative	Positive	Negative	Negative	l				90				

UK NEQAS for H&I Scheme 2B - Crossmatching by Flow Cytometry

Lab Comments	Received	Tested	Assessment
101	25/06/2019	26/06/2019	100%
114	26/06/2019	28/06/2019	100%
119 several cell clumps, serum S1 not tested by accident	26/06/2019	26/06/2019	50%
136 NR -Relative Number	26/06/2019	27/06/2019	100%
NR= (Mean Channel sample/Mean Channel Negative Control)x100			
142	26/06/2019	28/06/2019	100%
162 Scheme filling was validated by Elena Longhi, but it was not possible to change the name automatically selected	26/06/2019	26/06/2019	100%
163 Serum tubes cracked during centrifugation	26/06/2019	0000-00-00	Not assessed
176	26/06/2019	27/06/2019	100%
185 B-cell XM borderline result for sera 4 interpreted as positive in combination with T-cell XM results.	26/06/2019	27/06/2019	66.70%
186	26/06/2019	26/06/2019	100%
193	26/06/2019	26/06/2019	100%
194 the samples were received with a delay of 48 hours after dispatching	27/06/2019	27/07/2019	100%
204	26/06/2019	26/06/2019	100%
206 serum2 and serum4 where negative according to our usual MFI ratio positive treshold (>1.8) but we gave positiv	26/06/2019	26/06/2019	100%
209	0000-00-00	0000-00-00	100%
220	26/06/2019	27/06/2019	100%
230 Poor sample quality. The sample was hemolysed. Both cell count and viability was low for cross-match assessn	02/07/2019	0000-00-00	Not assessed
238 serum 2 T-cell weak but antibody B*07:02 MFI 14443	26/06/2019	27/06/2019	66.70%
serum 3 T-cell weak but antibody C*07:02 MFI 15473			
245 technical issue	26/06/2019	0000-00-00	Not assessed
262 SAMPLE S4 equivocal with T and B cells : ratio sample/neg < 2 but positive cells > 12%	26/06/2019	26/06/2019	33.30%
284 We received the samples at 5 PM the 26th june during hot wave (the samples were very "hot"). We tested the sa	26/06/2019	27/06/2019	33.30%
297	27/06/2019	28/07/2019	33.30%
311 Technique not in use due to staff shortages	0000-00-00	0000-00-00	Not assessed
315 Samples were received in the lab on 26th June 2019, during a heat wave We received the specimens at room	26/07/2019	0000-00-00	Not assessed
temperature.			
At the analysis on flowcytometer, we observed a too high mortality of cells. We were thus not abale to			
interpretate and analyse the data.			
358	0000-00-00	0000-00-00	100%
374	03/07/2019	04/07/2019	66.70%

NEQ-117 Issue 3 Effective Date 12/03/18 2004/2010 00

2001/2010 0	0												
B-cel	ls Serum 1	Serum 2	Serum 3	Serum 4									
Total distribute	d 24	24	24	24									
Total submitte	d 24	24	24	24									
Not Testa	d 5	4	4	4									
Not reste	u 5	-	1	-									
Negativ	. 0	40	10	3									
Positiv	e 2	10	19	14									
Equivoc	ai -	2		3									
% Negativ	e 89.5	10	5	15									
% Positiv	e 10.5	80	95	70									
% Equivoc	al -	10	-	15									
Consensu	is Negative	Positive	Positive										
Unacceptab	le Positive	Negative	Negative	-									
		Equivocal											
Number acceptab	le 17	16	19	-									
Number unacceptab	le 2	4	1	-									
Assessed I	2 2	2	2	V									
				_		Cytomet	er Reading						
La	b Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4	Cell viability	Units for cytometer readings	B-cell local neg control	B-cell local pos control	B-cell pos result value
10	1 Negative	Positive	Positive	Positive					0	MEL		• • • • • • • • • • • • • • • • • • • •	•••••••••••••••••••••••••••••••••••••••
11	4 Negative	Positive	Positive	Positive	415	481	809	439	91	median linnear channel	359	706	60 linear channel
11	9 Not Tested	Positive	Positive	Positive	110	5.43	43.9	5 14	00	MolY	1 228	17.3	RATIO POSS1 7/B LINE:1 5-1 7)
	3 1101 103100	1 OSILIVE	1 0311/06	1 OSILIVE		3,45	40,0	5,14	30		1,220	17,5	104110.1 00+1,7(b.EINE.1,01,7)
40	6								0.9	Coo moon			
13	0								90	Geomean			
14	2 Negative	Positive	Positive	Positive	230	819	31402	785	91.5	Median log channel	329	7920	458 (329+3SD)
16	2 Negative	Positive	Positive	Positive					99	300000			2SD
16	3 Not Tested	Not Tested	Not Tested	Not Tested					96	geomean linear channel (serum/negative control)	not tested	not tested	
17	6 Negative	Positive	Positive	Equivocal	-0.27	0.36	1.1	0.21	0	MFI shift	0	0.9	0.22
18	5 Negative	Negative	Positive	Positive	0,14	0,16	2,24	0,28	0		0,18	1,46	2SD
18	6 Negative	Equivocal	Positive	Positive	1.19	1.98	66.1	2.32	90	mean fluorescence intensity - log channel	1.05	37.8	2 fold the local negative control
19	3 Negative	Positive	Positive	Positive	1580	5085	153904	5235	99	MFI	1553	17780	Ratio : median of serum/median of negative control >2.3vc
19	4 Negative	Positive	Positive	Positive	1	2.9	68	3.5	90	median	1	62	ratio>3
20	4 Negative	Positive	Positive	Positive	0 702	3.64	87.1	4.05	0	Mean log channel	0.477	65.9	0 954 = 2 x log peg control
20	6 Negative	Positive	Positive	Positive	0.40	0.01	2.8	0.76	an	MEL	0.5	0.95	ratio MEL (serum/ negative control) >1.8
20	0 Negative	Positivo	Positivo	Positivo	1096 (0.9)	10206 (4 0)	122061 (61.0)	0495 (2.6)	02	Coometrie Meen Log Chennel Batie	2606	12740 (5.2)	51 7
20	9 Negative	Positive	Positive	Positive	1960 (0.8)	12300 (4.0)	132001 (31.0)	9403 (3.0)	93	Geometric Mean Log Channel Ratio	2000	13740 (3.3)	
22	0 Negative	Positive	Positive	Positive	2530,5	40395,5	201712,5	33914,0	96	inear acqisiuon, inear values	2496,0	201001	6000 above the mean of the negative controls
23	U Not Tested	Not rested	Not lested	Not restea					40	MFI			
23	8 Negative	Negative	Positive	Negative	2998	5546	55057	6298	0	MESF	3749	17935	MESF Serum / MESF negative control
24	5 Not Tested	Not Tested	Not Tested	Not Tested					100	linear channel shift			
26	2 Negative	Positive	Positive	Equivocal	2428	4369	54140	4425	82	median channel shift	2788	36078	2SD
28	4 Negative	Equivocal	Positive	Equivocal	150	248	2497	239	100	median log channel	147	284	sample serum / negative control ratio > 1,2 and > to local positive control
29	7 Positive	Positive	Negative	Negative	3650	635	111	512	0	Median Fluorescence Intensity	289	1327	2xTneg
31	1								0				
31	5 Not Tested	Not Tested	Not Tested	Not Tested					10				
35	8 Negative	Positive	Positive	Positive					0				
37	4 Positive	Positive	Positive	Negative					90				
0,													

Lab Comments	Received	Tested	Assessment
101	25/06/2019	26/06/2019	100%
114	26/06/2019	28/06/2019	100%
119 several cell clumps	26/06/2019	26/06/2019	100%
serum S1 not tested by accident			
136 NR -Relative Number	26/06/2019	27/06/2019	Not assessed
NR= (Mean Channel sample/Mean Channel Negative Control)x100			
142	26/06/2019	28/06/2019	100%
162 Scheme filling was validated by Elena Longhi, but it was not possible to change the name automatically selecte	d26/06/2019	26/06/2019	100%
163 Serum tubes cracked during centrifugation	26/06/2019	0000-00-00	Not assessed
176	26/06/2019	27/06/2019	100%
185 B-cell XM borderline result for sera 4 interpreted as positive in combination with T-cell XM results.	26/06/2019	27/06/2019	66.70%
186	26/06/2019	26/06/2019	66.70%
193	26/06/2019	26/06/2019	100%
194 the samples were received with a delay of 48 hours after dispatching	27/06/2019	27/07/2019	100%
204	26/06/2019	26/06/2019	100%
206 serum2 and serum4 where negative according to our usual MFI ratio positive treshold (>1.8) but we gave positive	26/06/2019	26/06/2019	100%
209	0000-00-00	0000-00-00	100%
220	26/06/2019	27/06/2019	100%
230 Poor sample quality. The sample was hemolysed. Both cell count and viability was low for cross-match assess	02/07/2019	0000-00-00	Not assessed
238 serum 2 T-cell weak but antibody B*07:02 MFI 14443	26/06/2019	27/06/2019	66.70%
serum 3 T-cell weak but antibody C*07:02 MFI 15473			
245 technical issue	26/06/2019	0000-00-00	Not assessed
262 SAMPLE S4 equivocal with T and B cells : ratio sample/neg < 2 but positive cells > 12%	26/06/2019	26/06/2019	100%
284 We received the samples at 5 PM the 26th june during hot wave (the samples were very "hot"). We tested the s	26/06/2019	27/06/2019	66.70%
297	27/06/2019	28/07/2019	33.30%
311 Technique not in use due to staff shortages	0000-00-00	0000-00-00	Not assessed
315 Samples were received in the lab on 26th June 2019, during a heat wave. We received the specimens at room	26/07/2019	0000-00-00	Not assessed
temperature.			
At the analysis on flowcytometer, we observed a too high mortality of cells. We were thus not abale to			
interpretate and analyse the data.			
358	0000-00-00	0000-00-00	100%
374	03/07/2019	04/07/2019	66.70%