

DEPARTMENT OF HUMAN BIOLOGY

13 February 1970

Dear Roslyn,

Enclosed is a copy of the results for the 50 samples we received from you last November and December. The missing results for sample number 22 and 24 were due either to deterioration of the cells or to an inadequate quantity of material. In addition, because of low enzyme activity we were unable to determine the PGM type for number 1.

Only two AB persons were found in the acid phosphatase system, all others being B - the commonest of types in Aborigines. In the 6PGD system there were four "Plaistow" variants and two "Elcho" variants, the latter having been found so far only in Aborigines in the north of the Northern Territory. No variants were detected in the LDH, MDH and AK systems, which in our experience is true for all Aborigines. The distribution of phenotypes in the PGM, Hp and Tf systems is in accord with our previous experience for populations in this area. The results taken as a whole do not indicate any admixture of the persons sampled.

I will look forward to learning how your chromosome studies are going.

With all good wishes,

Yours sincerely,

R.L. KIRK.

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RESULTS OF SAMPLES RECEIVED FROM DR. ANGELL ON 26/11/69 AND 8/12/69.

<u>Sample No.</u>	<u>Ac.Ph.</u>	<u>6PGD</u>	<u>LDH</u>	<u>MDH</u>	<u>PGM</u>	<u>AK</u>	<u>Hp</u>	<u>Tf</u>
CRO.								
1	B	N	N	N		1-1	2-1	CD
2	B	N	N	N	2-1	1-1	2-1	CC
3	B	N	N	N	2-1	1-1	2-1	DD
4	B	N	N	N	2-1	1-1	2-1	CD
5	B	N	N	N	2-1	1-1	2-2	CC
6	AB	N	N	N	2-1	1-1	2-2	CC
7	B	N	N	N	1-1	1-1	2-1	CC
8	B	N	N	N	1-1	1-1	2-1	CC
9	B	N	N	N	1-1	1-1	2-2	CC
10	B	N	N	N	1-1	1-1	2-1	CC
11	B	PL	N	N	2-1	1-1	2-1	CC
12	B	N	N	N	1-1	1-1	2-1	CC
13	B	N	N	N	2-1	1-1	2-2	CC
14	B	N	N	N	2-1	1-1	2-2	CC
15	B	N	N	N	1-1	1-1	2-1	CD
16	B	N	N	N	1-1	1-1	2-1	CC
17	B	N	N	N	1-1	1-1	2-2	CC
18	B	N	N	N	1-1	1-1	2-2	CC
19	B	N	N	N	1-1	1-1	2-1	CC
20	B	PL	N	N	1-1	1-1	2-2	CC
21	B	N	N	N	2-1	1-1	2-2	CC
22	B	N	N	N	-	1-1	-	-
23	B	N	N	N	2-1	1-1	2-2	CC
24	-	-	-	-	1-1	1-1	-	-
25	B	N	N	N	1-1	1-1	2-2	CD
26	B	N	N	N	1-1	1-1	2-1	CC
27	B	N	N	N	2-1	1-1	2-2	CC
28	B	PL	N	N	1-1	1-1	2-1	CD
29	B	N	N	N	2-1	1-1	2-2	CC
30	B	N	N	N	2-1	1-1	2-2	CC
31	B	N	N	N	2-1	1-1	2-2	CC
32	B	N	N	N	2-1	1-1	2-1	CC
33	B	N	N	N	1-1	1-1	0	DD
34	B	N	N	N	1-1	1-1	2-2	CD
35	B	N	N	N	1-1	1-1	1-1	CC
36	B	PL	N	N	1-1	1-1	2-1	CC
37	B	N	N	N	1-1	1-1	2-2	CD
38	B	Elcho	N	N	2-2	1-1	2-1	CC
39	B	N	N	N	1-1	1-1	2-2	CD
40	B	N	N	N	1-1	1-1	2-2	CD
41	B	N	N	N	1-1	1-1	2-1	CC
42	B	N	N	N	1-1	1-1	2-1	CC
43	B	-	N	N	2-1	1-1	2-2	CD
44	B	N	N	N	1-1	1-1	2-1	DD
45	B	N	N	N	2-1	1-1	2-2	CC
46	AB	Elcho	N	N	1-1	1-1	2-1	CC
47	B	N	N	N	1-1	1-1	2-1	CC
48	B	N	N	N	1-1	1-1	2-2	CC
49	B	N	N	N	1-1	1-1	2-2	CD
50	B	N	N	N	1-1	1-1	2-2	CC