

**Table S1****A: Blood lymphocyte subsets**

	( $\times 10^9/L$ )	Normal ( $\times 10^9/L$ )
Total lymphocytes	1.1-3.2	(1.5-4.8)
CD3+	1.21 $\pm$ 0.06	(1.1-2.2)
CD3/4+	0.87 $\pm$ 0.05	(0.8-1.7)
CD3/8+	0.29 $\pm$ 0.01	(0.3-0.9)
CD19	0.09 $\pm$ 0.03	(0.1-0.6)
CD3 <sup>-</sup> /16 <sup>+</sup> /56 <sup>+</sup>	0.006 $\pm$ 0.002	(0.10-0.48)

**B: Lymphocyte proliferative responses (Stimulation Indices [SI])**

Mitogens (Day 3)	SI	Normal	Antigens (Day 7)	SI	Normal
Phytohemagglutinin	215	(>40)	Tetanus toxoid	6.8	(>3)
Concanavalin A	51	(>20)	Diphtheria toxoid	3.1	(>3)
Pokeweed mitogen	67	(>11)	<i>Candida albicans</i>	11.8	(>3)
Anti-CD3 mAb	154	(>30)	Varicella	6.0	(>3)

Unstimulated: 400 cpm <sup>3</sup>H-thymidine at Day 3 and 1925 cpm at Day 7

**C: Cytotoxic T cell and NK cell function**

Cytotoxic T Cell Function			Natural Killer Cell Function		
E:T*	% Cytotoxicity†	Normal	E:T*	% Cytotoxicity‡	Normal
50:1	37	( $\geq$ 35)	50:1	2 (Low)	( $\geq$ 20)
25:1	28	( $\geq$ 25)	25:1	2 (Low)	( $\geq$ 10)
12:1	16	( $\geq$ 15)	12:1	1 (Low)	( $\geq$ 5)
6:1	10	( $\geq$ 10)	6:1	1	( $\geq$ 1)
CTL Lytic Units	12	( $\geq$ 6)	NK Lytic Units	0 (Low)	(6-27)

\* E:T – Effector to target cell ratio.

† Target cells: Allogeneic EBV-B cells.

‡ Target cells: K562 erythroleukemia cells.

**Table S2****A: Immunoglobulins and specific antibodies**

Serum Immunoglobulins	Value	Normal Values
IgG	13.2 g/L	(8.0-15.0 g/L)
IgA	4.74 g/L	(0.9-3.2 g/L)
IgM	1.13 g/L	(0.45-1.5 g/L)
Tetanus toxoid IgG	12.5 IU/mL	(>0.1 IU/mL)
Diphtheria toxoid IgG	0.97 IU/mL	(>0.1 IU/mL)
<i>S. pneumoniae</i> polysacch. IgG	1:530	(>1:128)
Varicella IgG	Immune	Immune
Measles IgG	Immune	Immune

**B: Serology screen**

EBV-VCA (IgG)	+
EBV-VCA (IgM)	-
Heterophile Antibody	-
CMV (IgG/IgM)	-
HIV 1/2	-