

Patient	P1.1	P1.2	P2.1	P2.2	P3.1*	P3.2*	P4	P5**
Age (months)	38	113	110	48	60	20	24	60
Cell subsets (cells.mm⁻³)								
PMN (1800-8000)	2300	1100		4500	1100		6400	450
Lymphocytes (1700-6900)	3500	3400	400	1600	200	2400	4000	440
CD3 ⁺ (900-4500)	4390	1680	280	990	80	1461	2160	340
CD4 ⁺ (500-2400)	1410	680	160	570	43	1095	1320	314
CD8 ⁺ (300-1600)	2580	910	120	480	28	346	880	35
CD19 ⁺ (200-2100)	1010	540	60	170	12	297	760	13
CD56 ⁺ (100-1000)		480	30	120	20	128		16
T-cell proliferation								
PHA	low	normal		normal				normal
Serum immunoglobulins (g.L⁻¹)								
IgG	24.7 (6.1-10.7)	29.5 (8.3-14.3)	10.6 (8.3-14.3)	5.53 (6.8-11.8)	12.8 (6.8-11.8)	24.5 (5.3-10.1)	17.9 (6.8-11.8)	4.8 (4.2-8)
IgG2	<0.1 (4)		0.23 (4)	0.2 (4)				
IgA	0.6 (0.5-1.1)	1.72 (1-1.9)	0.74 (1-1.9)	0.42 (0.7-1.3)	8.73 (0.7-1.3)	1 (0.3-0.8)	1.5 (0.7-1.3)	4.4 (0.2-0.7)
IgM	0.84 (0.5-1.1)	0.37 (0.7-1.3)	0.72 (0.7-1.3)	0.42 (0.5-1.1)	0.76 (0.5-1.1)	1.4 (0.5-1.1)	1.2 (0.5-1.1)	0.8 (0.5-1.1)
Specific antibodies (IU.ml⁻¹)								
Tetanus (> 0.1)	0.16		0.48	0.05	1.44		0.03	0.57
<i>H. influenzae</i> type B (>1)	7.0		0.74	0.5	0.86			0.06
<i>S. Pneumoniae</i> (> 0.35)	low		protective	low	low		low	low

PMN, polymorphonuclear neutrophils. PHA, phytohaemagglutinin. Ig, immunoglobulin.

In bold correspond to values below normal age-matched ranges that are indicated in brackets.

*when acutely unwell with VZV.

**at presentation with EBV-driven LPD