

Table 1. Antigen-specific memory B-cell frequencies estimated using polyclonal activation and EBV-B-cell immortalization^{a)}

	% of Ag-specific B cells relative to total IgG ⁺ B cells	% of Ag-specific B cells relative to clonable IgG ⁺ B cells ^{b)}	% of Ag-specific IgG ⁺ EBV-B-cell clones ^{c)}
MV neutralization	0.40	1.20	1.01
MV ELISA	1.40	4.20	5.06
HA ELISA	0.12	0.36	0.29
Vaccine ELISA	12.00	36.00	23.00

^{a)} The table shows for four different antibody specificities the memory B-cell frequencies obtained by polyclonal B-cell stimulation before and after correction for plating efficiency and the absolute frequency among 800 IgG⁺ B-cell clones isolated from the same individual using and improved method of EBV immortalization.

^{b)} Calculated cloning efficiency in these experiments was 32%.

^{c)} Absolute frequency was calculated among 800 IgG⁺ EBV-B-cell clones isolated using the EBV immortalization method.