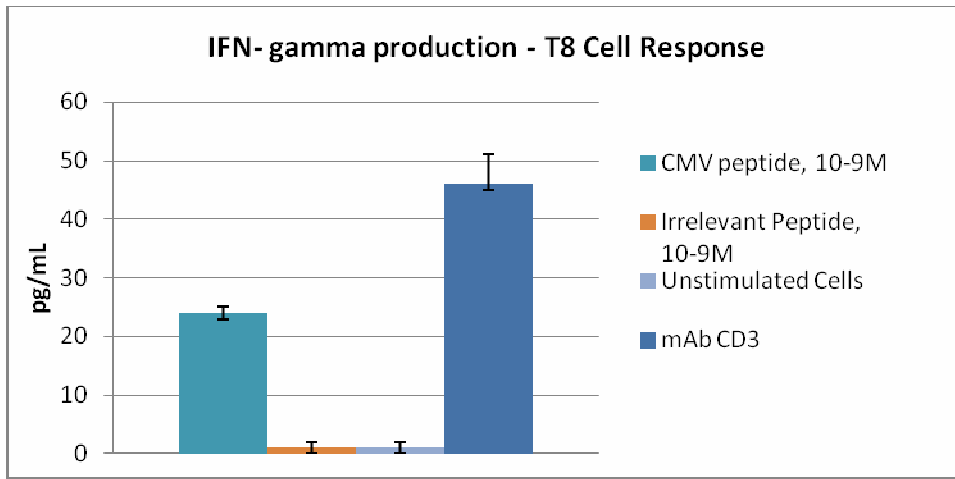


## Antigen-Specific Human T Cell Responses; Extremely Sensitive ELISA

We developed methods to investigate the effect of drugs on human antigen-specific T cell responses. Blood mononuclear cells or T lymphocytes from donors who had recently been vaccinated against cytomegalovirus (CMV) or other antigen were given a secondary challenge with the respective antigen or peptide epitope, or with irrelevant antigen.

Secondary response of CMV immunized cells to CMV peptide *in vitro* but not by irrelevant influenza peptide. Monoclonal antibody to CD3 (mAb CD3) is a positive nonspecific control.



Human IFN $\gamma$  ELISA sensitive to <1.3pg/mL

