



Linear mixed effects modelling. ELISA plates were coated with *Trypanosoma cruzi* lysate, or B13, 1F8 and JL7 recombinant proteins in buffer carbonate. Serum samples were diluted 1/200 and tested in duplicate. Each point corresponds to optical density (OD) mean value for each patient as function of time. Bold lines represent linear mixed effects regression, and grey zone 95% confidence intervals. Cut-off values for *T. cruzi*, B13, 1F8 and JL7 recombinant proteins, were 0.276, 0.110, 0.367 and 0.150, respectively.