

Seroprevalence of IgG antibodies against parvovirus B19 among blood donors from Santiago, Chile Seroprevalencia de anticuerpos IgG contra parvovirus B19 en donantes de sangre de hospitales en Santiago, Chile

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Background: Parvovirus B19 (B19) is associated with a wide range of disease manifestations, whose severity depends on the immunological and hematological status of the host. Infection with B19 has been reported worldwide and the prevalence of immunoglobulin G antibodies against B19 increases with age and varies by location and time of the last B19 epidemic. **Aim:** To evaluate the prevalence of IgG antibodies against Parvovirus B19 virus in a population of volunteer blood donors at two hospital blood banks in Santiago, Chile. **Material and Methods:** A total of 400 serum samples from blood donors aged 18 to 65 years, were examined for the presence of IgG antibodies against Parvovirus B19. **Results:** The overall prevalence of IgG antibodies was 54.8%. No significant difference was found between men and women (57.6% and 49.3%, respectively). **Conclusions:** IgG antibody seroprevalence against Parvovirus B19, was 55% in this sample of Chilean blood donors. This figure is in agreement with previous r