



Serological Survey

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- The 'Serological Survey' is basically a 'blood test' **to detect the presence of antibodies against the SARS-CoV-2 virus**. It is not possible to test everyone in the population so it's usually done in a population group to assess the prevalence of the disease.
- **The test is performed to diagnose infections and autoimmune illnesses.** The survey includes the IgG Enzyme-Linked Immunosorbent Assay (ELISA) test to estimate the proportion of the population exposed to covid infection. It can also be conducted to check if a person has developed immunity to certain diseases.
- **The IgG test is not useful for detecting acute infections**, but it indicates episodes of infections that may have occurred in the past. The test has been approved by ICMR for its high sensitivity and specificity.
- The study found the presence of antibodies in the people indicated that a large number of infected persons remain asymptomatic. It also helps to know that **at which groups are more exposed or have had higher rates of infection.**

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