

## PREVALENCE OF IGG ANTIBODIES AGAINST CYTOMEGALOVIRUS IN ANTENATAL WOMEN IN A TERTIARY CARE HOSPITAL

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### ABSTRACT

*Human cytomegalovirus (CMV) belongs to member of family herpes viridae & sub family beta herpes viridae(8). It is one of the major causes for intrauterine infection. Primary infection is quite asymptomatic(2,) but becomes more severe during the course of pregnancy as it may cross the placental barrier and causes congenital malformations in fetus or it may lead to pregnancy loss. The present study has been undertaken to detect & screen the prevalence of IgG antibodies against CMV infection in pregnant women in our hospital. Serum CMV specific IgG was measured by enzyme linked immunosorbent assay (ELISA). The test was done using DSI CMV Elisa kit following the manufacturer's instructions. A Total of 54 serum samples were tested. All the samples were found to be positive.*

**KEYWORDS:** CMV, IGG, ELISA

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