

عنوان مقاله:

Seroprevalence of measles IgM in children 5-12 years from selected primary schools in Giwa Local Government Area, Zaria, Kaduna state

محل انتشار:

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خلاصه مقاله:

Seroprevalence of Measles IgM was carried out among children age 5-12 years in Giwa, Kaduna State. The test was carried out using Enzyme Linked Immunosorbent Assay (ELISA) method. Of the 90 (100%) samples assayed for the measles IgM antibodies, 32.2% were seropositive for measles IgM. A breakdown of the seropositive subject reveals that 18.9% of the infected children were males, while 13.3% were females. Those children within the age of 5-6years had the highest prevalence (16.6%), followed by those within the age of 7-8years (6.6), 9-10years and 11-12years had 5.5% and 3.3% respectively. However, in relation to sex the male children had the highest prevalence of 38% while the female children had a prevalence of 26%. It was observed that 16 (17.8%) of the children had fever and of these number, 68.75% tested positive for measles. However, rashes were most associated with measles in the studies as all the children with rashes were positive for measles IgM. The study also revealed that only 7.7% of the immunized children tested positive for measles IgM

کلمات کلیدی:

Measles , ELISA , Seroprevalance

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