

## عنوان مقاله:

Optimal Timing of Specimen Collection after Rash Onset for Diagnosis of Measles IgM Antibody

## محل انتشار:

مجله آرشیو رازی، دوره 60، شماره 1 (سال: 1384)

تعداد صفحات اصل مقاله: 10

## نویسندگان:

T. Mokhtari Azad

M. Naseri

P. Yavari

M.M. Gooya

A. Esteghamati

R. Hamkar

## خلاصه مقاله:

Antibody detection is the most versatile and commonly used method for measles diagnosis. Detection of specific IgM antibodies in a single serum specimen collected within the appropriate time after rash onset can provide a good presumptive diagnosis of current or recent measles infection and is the test of choice for rapid diagnosis of measles cases. So, optimal timing for collection of a single serum specimen to diagnose measles by IgM capture Enzyme Immunoassay (EIA) was evaluated. ۳۹۹-paired sera were tested for measles IgM antibody. ۱۴۹-paired sera were measles IgM negative. Two hundred fifty paired sera had at least one IgM positive. ۲۲۳-paired sera were positive in both first and second samples. ۱۹-paired sample were negative in first and positive in second sample and ۸-paired sera were positive in the first and negative in the second samples. ۸۵% and ۱۰۰% of first specimens within ۷ and ۷-۲۱ and ۹۴% of all second samples were IgM positive at ۲۸th days after rash onset, respectively. Analysis of data indicates that a single serum specimen collected between ۷ to ۲۷ days after rash onset can be used to diagnose most cases of measles with an IgM capture EIA.

## کلمات کلیدی:

Measles, IgM Capture EIA, Optimal time

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1869035>

