

ISOLATION OF BOVINE EPHEMERAL FEVER VIRUS IN IRAN

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Outbreaks of an acute febrile disease with clinical symptoms similar to bovine Ephemeral Fever, a viral disease known for many years in South Africa, Australia, Japan and some other tropical and subtropical countries (1), were reported from Southern and Eastern regions of Iran in 1974.

The etiology of this condition was studied during the outbreaks and a viral agent was isolated from blood samples collected during the incidence of the disease in Meshed.

The virus was isolated by intracerebral inoculation of one day old mice and was shown to be serologically identical to a known strain of Ephemeral Fever virus received from Japan.

Inoculation of a healthy young calf by the isolated virus resulted in clinical and serological responses similar to those of a typical infection to Ephemeral Fever Virus. A detailed account of the properties of the virus will be published shortly.

Reference.

1) Inaba, Y. – Bovine Ephemeral Fever (Three-day Sickness). Stiff Sickness. Bull. Off. int. Epiz., 79 (1973): 627-673.