RICKETTSIAE

(SCRUB TYPHUS, TYPHUS FEVER, SPOTTED FEVER)

A Re-emerging Threat !

10/12/2019 NDTV

More Than 150 People Diagnosed With Scrub Typhus In Mizoram

Rickettsial Map of India

Total No. of Samples Tested	Weil - Felix Test			
	OXK	OX2	OX19	Total No. of Positives
7000	267	252	239	758

- Prevalence across the country
- More than 10% positivity in febrile cases

NEWS18

Death Toll in Scrub Typhus Outbreak in Nagpur Mounts to 15

Scrub Typhus, a mite-borne disease, has gripped the city and a team of National Centre for Disease Control (NCDC) was recently sent to ascertain the cause of the outbreak.

News18.com | Updated September 8, 2018, 8:48 PM IST

Printed from THE TIMES OF INDIA

9 die in scrub typhus outbreak

TNN | Oct 19, 2014, 02.17 AM IST

October 10, 2019 15:49 (IST)

Napoleon's army killer Scrub Typhus strikes Kolkata

India Blooms News Service | 18 Aug 2016, 07:36 pm

6/3/2019

HEALTH

(https://www.downtoearth.org.in/health)

Mystery behind Gorakhpur encephalitis deaths: is scrub typhus the likely cause?

Scrub typhus is caused by the Orientia tsutsugamushi bacterium, which is introduced in humans from the bites of the infected larvae of a certain kind of mite

Prevent further mortalities!

with Time Tested Solution

PROGEN

SCREENING RICKETTSIAL INFECTIONS FOR OVER A DECADE

PROGEN

(Proteus antigen suspensions for diagnosis of Rickettsial infections in febrile illness)

According to the WHO, Rickettsial infection such as "Scrub typhus is probably one of the most under diagnosed and under-reported febrile illnesses requiring hospitalization ". Scrub typhus accounts for up to 23% of all febrile episodes, with an estimated 1 million cases occurring annually, in endemic areas.*

Rickettsial infections are generally incapacitating and under diagnosed due to lack of awareness; untreated cases have fatality rates as high as 30 - 45 % with multiple organ dysfunction. Every year deaths are reported through news and steps are taken to control after the fatality has occurred indicating its strong re-emergence across the country.

Data indicates that all three types of Rickettsial infections are prevalent in India which includes Scrub typhus, Murine typhus & Spotted fever. Rickettsial infections are important cause of Fever of Unknown Origin (FUO).

Weil-Felix test (Proteus antigens OXK, OX19 and OX2) is useful in establishing presumptive diagnosis of rickettsial infections & therefore need to be included in diagnostic profile of febrile illness.

PROGEN (Proteus antigens OXK, OX19, OX2) is a time tested (since 2005), simple, inexpensive and easy to perform solution for screening of rickettsial infections in routine laboratory setups.

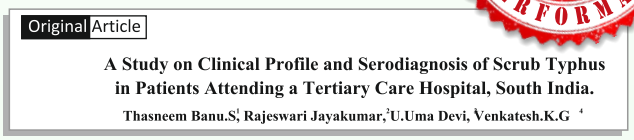
ESTABLISHED • PERFORMANCE

PROGEN
(OXK, OX19 & OX2 Antigens)

- Standardized, specific & smooth antigens for better sensitivity & specificity.
- Reagents suitable for both slide and tube test.
- Thermo-stablizer based reagents provide consistent performance under varying ambient temperature.
- Long shelf life for maximum utilization of reagents.

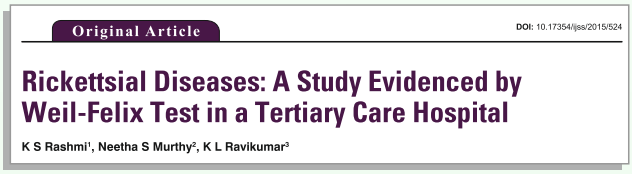
Presentation	Pack	Cat. No.
Progen OXK	5ml	10581005
Progen OX2	5ml	10582005
Progen OX19	5ml	10583005

PROGEN
is being used in various studies


Original Article

A Study on Clinical Profile and Serodiagnosis of Scrub Typhus in Patients Attending a Tertiary Care Hospital, South India.

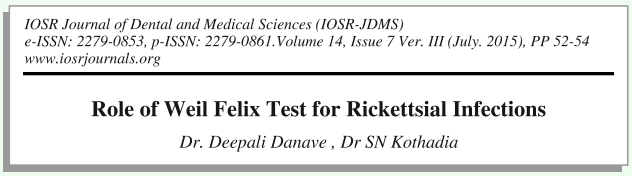
Thasneem Banu.S[1], Rajeswari Jayakumar,[2]U.Uma Devi, Venkatesh.K.G [4]


Original Article

DOI: 10.17354/ijss/2015/524

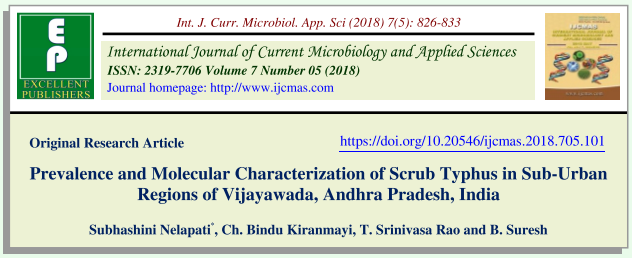
Rickettsial Diseases: A Study Evidenced by Weil-Felix Test in a Tertiary Care Hospital

K S Rashmi[1], Neetha S Murthy[2], K L Ravikumar[3]


IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)
e-ISSN: 2279-0853, p-ISSN: 2279-0861.Volume 14, Issue 7 Ver. III (July. 2015), PP 52-54
www.iosrjournals.org

Role of Weil Felix Test for Rickettsial Infections

Dr. Deepali Danave , Dr SN Kothadia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International Journal of Current Microbiology and Applied Sciences
ISSN: 2319-7706 Volume 7 Number 05 (2018)
Journal homepage: http://www.ijcmas.com

Original Research Article https://doi.org/10.20546/ijcmas.2018.705.101

Prevalence and Molecular Characterization of Scrub Typhus in Sub-Urban Regions of Vijayawada, Andhra Pradesh, India

Subhashini Nelapati*, Ch. Bindu Kiranmayi, T. Srinivasa Rao and B. Suresh

*Data on file : Tulip Diagnostics (P) Ltd.

PROGEN - *For Timely Diagnosis of Rickettsiae*

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