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Vanguard Diagnostics announces launch of India's first Typhoid RT PCR test based on patented technology

27 April 2023 | News

Molecular diagnostic test for detection of Salmonella typhi and paratyphi in human blood



New Delhi-based Vanguard Diagnostics announced the launch of VANSCAN Typhoid RT PCR Test, at the 28th edition of Medical Fair India, taking place from 27th to 29th April 2023 at Pragati Maidan.

The test has been developed in technical collaboration with Dehradun-based Graphic Era University. The patented technology is a one-of-a-kind in India and exhibits a strong example of industry and academia collaboration.

VANSCAN Typhoid RT PCR Test is the new gold standard, reliable, rapid and compatible with all open RT PCR systems.

"Treatment of this disease is often delayed using the Widal test which is obsolete and unstandardised. Likewise, there are rapid card tests for typhoid detection which are unreliable due to false positive or negative tests. Even the conventional blood culture is cumbersome", pointed out Veena Kohli, Chief Executive Officer, Vanguard Diagnostics.

Typhoid fever is common in developing countries. India is an endemic country for typhoid with a burden of approximately 4.8 million *cases* per year, according to health experts. In the given set of the diagnostic challenges, VANSCAN Typhoid RT PCR test has been found to be highly sensitive and specific.