

# Kyasanur Forest Disease (KFD) Point of Care Test

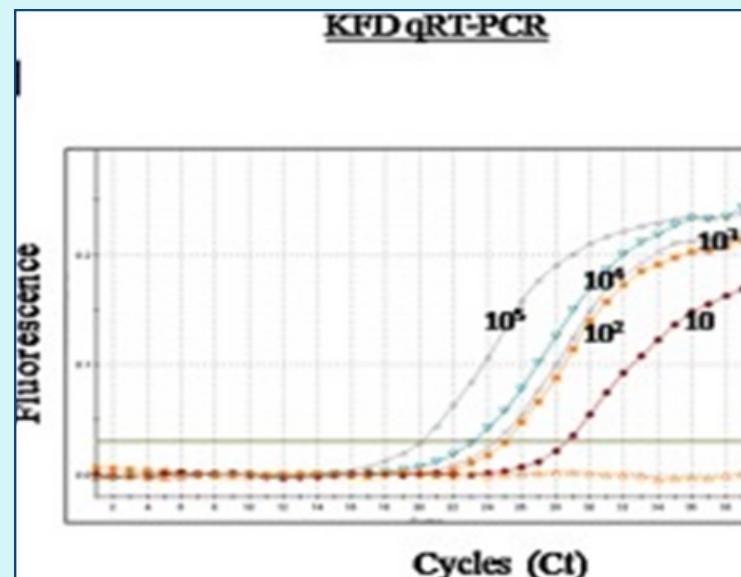
**Domain:** Diagnostic Assay/Kit

**About Technology:** This Kyasanur Forest Disease (KFD) real-time RT-PCR assay is a probe-based molecular diagnostic tool used for rapid and specific detection of KFD virus RNA. It works by amplification using target-specific primers and fluorescent hydrolysis probes, directed at the NS5 gene region

**Intended Use:** Facilitate rapid KFD diagnosis, enabling timely patient care and effective containment of affected patients

**Advantages:**

- Rapid, highly sensitive, and specific detection of KFD virus RNA directly from clinical or field samples within 4 hours



**Development Status:** Third party validation complete

**Technology Transfer Status:** Transferred to companies on Non-Exclusive basis

**Institute(s):** ICMR-National Institute of Virology (NIV)

**Inventor(s):** Dr. Pragya D Yadav, Dr AM Shete