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Authors: Laxmi Narayan Sarangi, Naveena Thodangala, Samir Kumar Rana, Kota Sri Naga Leela Surendra, Rachamreddy Venkata Chandrasekhar Reddy, Bajibabu Putla, Ponnanna Nadikerianda Muthappa, Girish Kumar Sharma, Villuppanoor Srinivasan



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# **Evaluation of a specialized filter-paper matrix for transportation of extended bovine semen to screen for bovine herpesvirus-1 by real-time PCR**

Laxmi Narayan Sarangi<sup>1</sup>, Naveena Thodangala<sup>1</sup>, Samir Kumar Rana<sup>2</sup>, Kota Sri Naga Leela Surendra<sup>1</sup>, Rachamreddy Venkata Chandrasekhar Reddy<sup>1</sup>, Bajibabu Putla<sup>1</sup>, Ponnanna Nadikerianda Muthappa<sup>1</sup>, Girish Kumar Sharma<sup>2</sup>, Villuppanoor Srinivasan<sup>\*3</sup>

<sup>1</sup>National Dairy Development Board Research and Development Laboratory, IIL Campus, Hyderabad 500032, Telangana, India;

<sup>2</sup>National Dairy Development Board, Anand 388001, Gujarat, India

<sup>3</sup>House No. 33, Telecom Nagar, Gachibowli, Hyderabad 500032, Telangana, India;

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## **\*Corresponding author:**

**Dr. V.A. Srinivasan, PhD.**

Advisor,  
National Dairy Development Board,  
33, Telecom Nagar,  
Gachibowli,  
Hyderabad.500032  
India  
Phone: +91-40-23000446  
Mobile: 09978445810  
Email: srinivasanva1948@gmail.com

## **Highlights:**

- Retrieval of BoHV-1 DNA from extended semen spotted paper matrix was optimized
- The method was repeatable in inter-assay and intra-assay precision testing
- Viral DNA was stable in the matrix for at least 28 days when stored at 4<sup>0</sup> to 37<sup>0</sup>C
- The analytical sensitivity was equivalent to the OIE approved Chelex based method
- The dsn and dsp was 83% and 93% respectively in comparison to Chelex based method

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