

## भा.कृ.अनु.प.-राष्ट्रीय मांस अनुसंधान संस्थान

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### ICAR - National Meat Research Institute

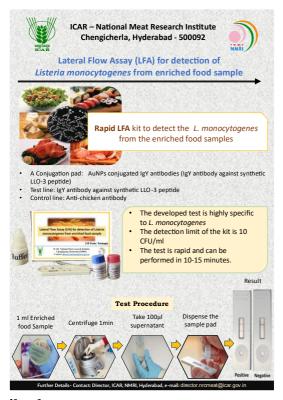
Chengicherla, P.B. No. 19, Boduppal PO, Hyderabad-500 092, Telangana, India (ISO 9001:2015 और FSSC 22000 प्रमाणित, ISO/IEC 17025:2017 NABL मान्यता प्राप्त, FSSAI रेफरल प्रयोगशाला)

# Synthetic peptide-based Lateral Flow Assay (LFA) for the detection of *Listeria*monocytogenes from enriched foods

Inventor: Dr. S. B. Barbuddhe, Dr. Deepak B. Rawool.

**Brief Description:** The present product/technology is novel as it involves the development of an LFA for detecting *L. monocytogenes* in food of animal origin employing synthetic LLO-3 peptide-derived polyclonal IgY antibodies. The developed technology saves time, labour, and has point of care applicability. The results of the developed technology is almost at par with IS 14988: Part 1: 2020 culture method. The IgY antibodies derived against LLO-3 synthetic peptide, are stable, economical, and can be scalable to any extent. The developed technology will be quite useful for food processing industries, and diagnostic laboratories. The unique features of the developed technology are

#### Cost of the technology: Yet to be decided



#### For further details please contact:

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