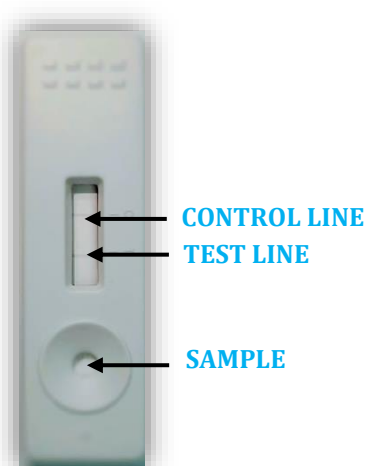


A COMPLETE POINT-OF-CARE EXTRACTION AND PORK DETECTION KIT

With technological advances in meat processing industry, economically motivated adulteration or meat fraud has become a common problem. Traditional analytical methods for identifying meat fraud require specially equipped stationary laboratories, high-tech equipment, and qualified personnel. The simple, rapid, low-cost, highly specific and sensitive lateral flow immunoassay (LFIA) can be a complemented to stationary arbitration methods in resource-limited settings.

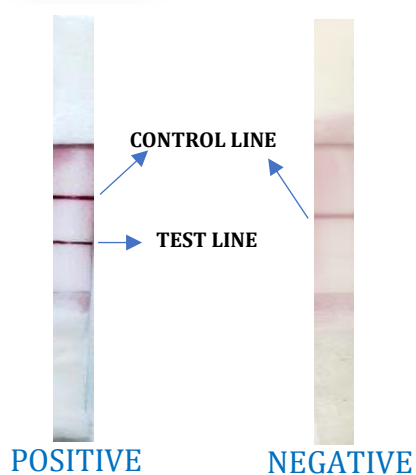
OUR TECHNICAL KNOW-HOW

A technology has been developed to extract target analytes using field-deployable extraction buffer without any stationary laboratory set-up by simple trituration followed by filtration within 10 min.



This kit is a qualitative sandwich immunochromatographic test in a strip format to determine pork content in raw meat, processed meat and meat mixes.

Sample extract (80-100 μ l) is directly added to the sample pad and flows through the kit by capillary action. If the sample contains pork or target analyte, two colored lines develop at test line and control line area, whereas in absence of pork, only control line will appear.



The total duration of the assay is only 15 min.

If anyone interested in upscaling and commercialization, may contact

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