NEXABIOTECH SB
2026

NEXABIOTECH
pioneers in molecular biology

WWW.NEXABIOTECH.COM

PRODUCT CATALOGUE



2026



Halal Authentication

Trust, Transparent, Faith
Halal Assurance, Scientifically Verified

Halal authentication verifies that products comply with Islamic dietary laws by confirming ingredient sources, preventing cross-contamination, and ensuring full supply chain integrity.

NexaBiotech's advanced molecular detection solutions (DNA/qPCR) deliver accurate, reliable results to support halal certification, uphold consumer confidence, and meet the stringent standards of authorities such as JAKIM.



- DNA Extraction kit for more than 20 food matrices:
  - Meat and Meat-based products
  - Plant and Plant-based products
  - Gelatin and Gelatin-based products
  - Marshmallow and gummies
  - Bird nest
  - Pharmaceutical capsules
  - Seasoning cube
  - Instant noodles
  - Oil and fats
  - Seafoods
  - Animal feeds
  - And more...

DNALYZE Food Extraction Kit

DNA Extraction Kit specialize for more than 20+ food matrices

01

- Sensitivity: 99.5%
- Specificity: 100%
- Limit of Detection:
  - 0.001 pg in meat and meat-based
  - 0.05 pg in others
- Target chromosomal and fragmented DNA
- 100x more sensitive than other commercial kits in the market
- Easy-to-use kit
- Validated by authority body
- Optimize together with DNALYZE Food Extraction Kit
- Store in Room Temperature



02

DNALYZE qPCR Porcine Detection Kit (Lyophilized)



- Sensitivity: 99.5%
- Specificity: 100%
- Limit of Detection:
  - 0.001 pg in meat and meat-based
  - 0.05 pg in others
- Target chromosomal and fragmented DNA
- 100x more sensitive than other commercial kits in the market
- Easy-to-use kit
- Validated by authority body
- Optimized together with DNALYZE Food Extraction Kit
- Store in -20°C

DNALYZE qPCR Porcine Detection Kit (Non-Lyo)

03



Product Specification

DNALYZE

Food Extraction Kit





Product Code: DNALYZE-FEK01

DNALYZE Food DNA Extraction Kit is designed to extract DNA from animals' muscle tissues. Using the crucially optimized fast method, this kit aims to complete DNA extraction from animal muscle tissue (raw and minimally processed meat-based products) in less than two hours. Additionally, the high-purity method can also be applied to processed samples such as gelatine, collagen, pharmaceutical capsules, seasoning and meat/poultry/fish-based products. This kit uses a spin-column format in which DNA is purified by binding to a positively charged stationary phase, followed by subsequent elution in a high pH buffer.

Kit components (50 reactions):

- LB Buffer (250 ml x 2)
- WB Buffer (50 ml x 1)
- BB Buffer (30 ml x 1)
- EB Buffer (5 ml x 1)
- ProteinaseK (1ml x 1)
- Spin column (25 pcs x 2)
- Collection tube (25 pcs x 2)

Storage: Ambient/ Room Temperature
Dimension per kit: 150 x 150 x 136 mm

Usage Notes:

The DNALYZE Food Extraction Kit is intended for research purposes and food authentication only. It is not intended for the detection, prevention, or treatment of diseases. It is recommended to perform spectrophotometric and gel analysis on the extracted nucleic acid to ensure suitability for food authentication and other downstream applications. The kits manufactured by Nexabiotech SB are produced in a GMP-certified laboratory and have undergone strict quality control. Please ensure that all third-party reagents have sufficient quality for molecular biology analysis.

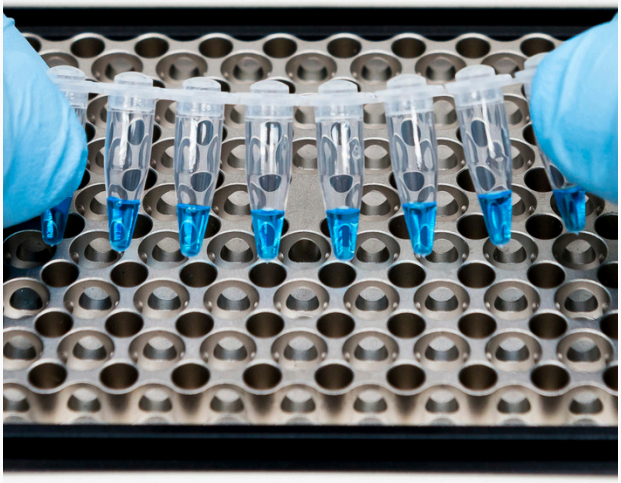


Product Specification

DNALYZE

qPCR Porcine Detection Kit (Lyophilized)





Product Code: DNALYZE-QPCRK01

The DNALYZE qPCR Porcine Detection Kit (Lyophilized) is a highly sensitive and specific molecular detection kit designed for the rapid identification of porcine DNA. It is optimised for use with quantitative PCR (qPCR) instruments equipped with a photodetector to detect fluorescence signals emitted by the FAM fluorophore. This kit is designed to be used together with commercially available internal amplification or endogenous control, in which a probe labelled with dyes other than FAM (i.e HEX, JOE, etc). This kit is suitable for applications in food authentication, halal verification, and contamination screening in processed and raw materials. It provides reliable results through a probe-based qPCR assay, ensuring high specificity and accuracy.

Kit components (96 reactions):

- Lyophilized pre-dispensed primer and probe mix in individual wells (8-strips tubes x 12 strips)

Storage: Ambient/ Room Temperature
Dimension per kit: 150 x 100 x 55 mm

Usage Notes:

The DNALYZE qPCR Porcine Detection Kit (Lyophilized) is intended for research purposes and food authentication only. It is not intended for the detection, prevention, or treatment of diseases. It is recommended to perform spectrophotometric and gel analysis on the extracted nucleic acid to ensure suitability for food authentication and other downstream applications. The kits manufactured by Nexabiotech SB are produced in a GMP-certified laboratory and have undergone strict quality control. Please ensure that all third-party reagents have sufficient quality for molecular biology analysis.



Product Specification

DNALYZE

qPCR Porcine Detection Kit (Non-Lyophilized)

Product Code: DNALYZE-QPCRK02

The DNALYZE qPCR Porcine Detection Kit (Non-Lyophilized) is a highly sensitive and specific molecular detection kit designed for the rapid identification of porcine DNA. It is optimized for use with quantitative PCR (qPCR) instruments equipped with a photodetector to detect fluorescence signals emitted by FAM dye. This kit is suitable for applications in food authentication, halal verification, and contamination screening in processed and raw materials. It provides reliable results through a probe-based qPCR assay, ensuring high specificity and minimal false positives.



Kit components (96 reactions):

- Master Mix (MM) - 1 tube
- DNA-free Water (DW) - 1 tube
- SuperMix (SM) - 1 tube
- Positive Control (PC) - 1 tube
- Assay Control (AC) - 1 tube

Storage: -20 °C
Dimension per kit: 150 x 100 x 55 mm

Usage Notes:

The DNALYZE qPCR Porcine Detection Kit (Non-Lyophilized) is intended for research purposes and food authentication only. It is not intended for the detection, prevention, or treatment of diseases. It is recommended to perform spectrophotometric and gel analysis on the extracted nucleic acid to ensure suitability for food authentication and other downstream applications. The kits manufactured by Nexabiotech SB are produced in a GMP-certified laboratory and have undergone strict quality control. Please ensure that all third-party reagents have sufficient quality for molecular biology analysis.













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