



UNIVERSITY OF PERADENIYA

Agricultural Biotechnology Centre

National Referral Laboratory Sri Lanka



**Now Testing
GMOs/LMOs**

GMO
Yes or No

Specific Test: Qualitative test for the presence of Genetically Modified Organism (GMO); Target elements: Promoter (35S) & Terminator (NOS)

Matrix: Food & Agricultural Products including Animal Feed

Turnaround time: 2-5 Working days

Price: University of Peradeniya Customers : Rs. 12,500.00

Other Customers: Rs. 13,000.00

Agricultural Biotechnology Centre, Prof. E. O. E. Pereira Mawatha, Peradeniya

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Other Services and Facilities Available

Oxford Nanopore Sequencing Facility

- Metagenomic Sequencing
- Differential gene expression/RNAseq

Quantification, PCR and Sequencing Services

- DNA/RNA Extraction (plant, animal, food, microbes)
- DNA/RNA Quantification (Nano drop/ Bio-analyzer Agilent /Quartus Fluorometer)
- Endpoint PCR
- RT PCR, qPCR
- PCR Product Sequencing (Sanger sequencing)

Method Optimization & Analysis

- HPLC
- DNA/RNA extraction methods
- PCR/RT-PCR methods
- Bioinformatics
- Microscopy

Space

- Auditorium
- Planthouses
- Culture cabinets
- Culture room
- Freezer -20°C, -80°C
- Lab bench space

Equipment Usage

- PCR
- RT-PCR
- Gel Electrophoresis System
- Gel Documentation
- Bioreactor
- Autoclave
- Centrifuges
- HPLC
- Speedvac
- Freeze Dryer
- Incubators
- HulaMixer
- Soil moisture meter
- RETSCH Knife Mill Grindomix -GM200
- Gene Gun
- Hemocytometer
- Muffle Furnace
- Salinity meter
- Growth chamber
- Microscopy – Light, Florescent
- High performance computing system

Payments

- Concession rates for UoP customers
- Visit <https://agri.pdn.ac.lk/agbc/> for current rates approved by the Finance Committee of the UoP