



PRODUCT BROCHURE

Precision pathogen Testing for Plant Health and Safety



www.nexus-diagnostics.co.za

COMPREHENSIVE 12-VIRUS SCREENING | CANNABIS RT-QPCR

OVERVIEW

Our Full Panel Test delivers the most complete protection against viral threats in cannabis crops. Detect all major viruses early to prevent crop loss and secure your yields.

PRICING

SUBSCRIPTION: R1,500/SAMPLE

60 samples/quarter minimum (R30,000/month)
Includes full subscription benefits (see below)

AD-HOC: R2,000/SAMPLE

Up to 8 working days turnaround
Payment upfront, no storage/retesting

SUBSCRIPTION BENEFITS

Less than 5 working day turnaround (avg. 3 days)
Retesting of stored samples (30-day storage, R1,000/sample, refunded if contradictory)
Priority lab processing & personal support
Dedicated client support email
50% refund if turnaround guarantee is missed

VIRUSES TESTED (12)

HOPS LATENT VIROID (HPLVD)
ALFALFA MOSAIC VIRUS (AMV)
LETTUCE CHLOROSIS VIRUS (LCV)
TOBACCO MOSAIC VIRUS (TMV)
CANNABIS CRYPTIC VIRUS (CCV)
CUCUMBER MOSAIC VIRUS (CMV)
TOMATO RING SPOT VIRUS (TORSV)
TOBACCO RING SPOT VIRUS (TRSV)
TOBACCO STREAK VIRUS (TSV)
BEET CURLY TOP VIRUS (BCTV)
ARABIS MOSAIC VIRUS (ARMV)
TOMATO MOSAIC VIRUS (TOMV)

3-PANEL VIRUS SCREENING | CANNABIS RT-QPCR

OVERVIEW

Our 3-Panel Virus Test provides targeted protection against the three most common cannabis viruses, allowing for rapid, cost-effective diagnostics.

PRICING

≥5 samples: R995/sample

Turnaround: up to 5 working days

<5 samples: R1,195/sample

Turnaround: up to 5 working days

SUBSCRIPTION OPTION

120 samples/quarter minimum (R30,000/month)

Includes all subscription benefits:

Less than 5 working day turnaround (avg. 3 days)

Retesting of stored samples (30-day storage,
R1,000/sample, refunded if contradictory)

Priority lab processing & personal support

Dedicated client support email

50% refund if turnaround guarantee is missed

VIRUSES TESTED (3)

Hops Latent Viroid (HpLVd)

Lettuce Chlorosis Virus (LCV)

Beet Curly Top Virus (BCTV)

3-PANEL FUNGAL SCREENING | CANNABIS RT-QPCR

OVERVIEW

Our 3-Panel Fungal Test identifies the most common fungal pathogens in cannabis crops, enabling early intervention and improved plant health.

PRICING

≥5 samples: R995/sample

Turnaround: up to 5 working days

<5 samples: R1,195/sample

Turnaround: up to 5 working days

SAMPLE REQUIREMENTS

Fungal tests require fungal-specific tubes containing beads

Fungal tubes are marked with barcodes ending in F

Viral tubes cannot be used for fungal testing

FUNGI TESTED (3)

Pythium

Fusarium

Botrytis

SAMPLE SUBMISSION GUIDE

Our collection system is designed to make sample submission easy, reliable, and cost-effective.

COLLECTION MADE SIMPLE

Collect three tissues per plant

Fine root: 1 cm section of white feeder root (~1 mm diameter)

Shoot tip: apex containing meristem and young leaves (2–3 mm)

Mature leaf petiole: 0.5–1 cm² slice from a healthy expanded leaf

(Tip: less is more – avoid overfilling tubes)

Sample aseptically to avoid cross-contamination.

Place into 2ml sample collection tubes

Complete the sample submission form

Ship samples and documentation at room temperature via any courier (The Courier Guy preferred)

For first submissions, we provide a 15-minute video call to guide you through the process

TUBE REMINDER

Viral tests → standard barcodes

Fungal tests → barcodes ending in F

PARTNER WITH NEXUS DIAGNOSTICS FOR EARLY DETECTION & LONG-TERM CROP SECURITY

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WE'RE ON LINKEDIN. LET'S CONNECT