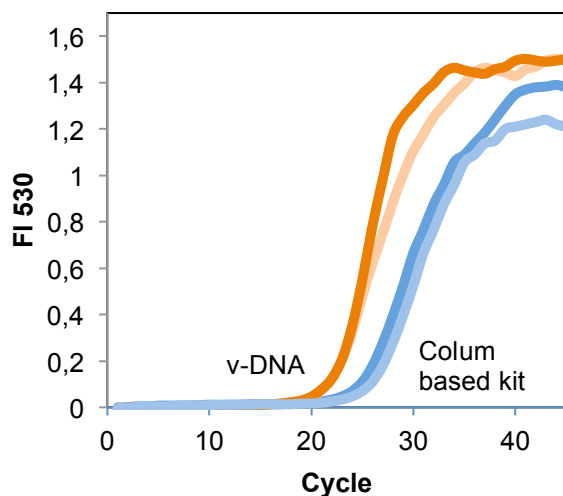


GeniUL v-DNA technology for DNA purification for conventional and viability qPCR

The v-DNA reagent is a GeniUL proprietary technology that combines in a single step, cells lysis and purification. It has been designed in order to fix all viability dyes and PCR inhibitors present in the sample. Cell lysis and inhibitors immobilization occurs simultaneously in the same tube and only is necessary the addition of v-DNA buffer in the last stage, to stabilize the product. It can be used from simple cell pellets up to complex samples as wastewater, soil and stool.



ORDERING INFORMATION

v-DNA Reagent (25 mL , for 100 samples).
Cat. No. 4900014000

v-DNA Reagent 50 monodoses
Cat. No. 4900014050

v-DNA buffer (60 mL, for 100 samples)
Cat. No. 4900014001

v-DNA Reagent provides a fast and easy genomic DNA extraction procedure. No organic extractions, enzymatic digestions, or spin columns are needed, enabling very high DNA recovery from samples even in presence of PCR inhibitors. The DNA obtained is ready for use to perform PCR reactions or other molecular biology procedures.

Validated for viability PCR technology, this product is able to retain the viability PCR dyes providing a DNA suspension free of PCR inhibitors.

Product type	Sample amount
vPCR	500 μ L
Soil	50 mg
Stool	25 mg
Waste water	Concentrate from 50 ml
Drinking water	Concentrate from 1 L
Food (EB)	50-100 μ L

The v-DNA reagent has been designed to obtain whole genomic DNA from bacteria and yeast suspensions from viability PCR sample treatments or from complex samples such as soil, stool, water (effluent from waste water treatment plants, cooling tower...), and enrichment broth cultures (EB) from food products.