



VIRSeek RNAExtractor Food

Viruses are an important topic when it comes to food safety. They can be highly infectious and often cause serious illnesses, such as gastrointestinal infections. In order to detect RNA-based viruses such as norovirus and hepatitis A virus, the viral particles have to be concentrated according to ISO 15216-1:2017 from food matrices and the RNA extracted and purified.

The VIRSeek RNAExtractor Food kit provides the required components for the isolation of viral RNA from viral particles concentrated from foods, food surfaces and bottled water.

The VIRSeek RNAExtractor protocol is an ISO 15216-1:2017-compliant approach based on the reversible adsorption of RNA to the surface of silica-coated magnetic beads.

Kit Specifications

- Matrices: soft fruits (e.g. berries), leaf, stem and bulb vegetables, bottled water, bivalve molluscan shellfish, food surface samples
- Silica-coated magnetic beads for RNA extraction
- Optimised for extraction and elimination of potential real-time RT-PCR inhibitors present in the validated matrices

Kit Components

- Components for RNA isolation of 96 (volume $\leq 250 \mu\text{L}$) or 48 samples (volume $\leq 500 \mu\text{L}$)
- Silica-coated magnetic beads
- Carrier RNA
- Lysis and elution buffer
- Wash buffers
- Comprehensive manual

Ordering Information

Cat. no	Kit
5524400101	VIRSeek RNAExtractor Food

Kits in the VIRSeek Solution

- VIRSeek Food Hepatitis A Virus
- VIRSeek Food Norovirus Genogroup I
- VIRSeek Food Norovirus Genogroup II
- VIRSeek Food Murine Norovirus (MNV) Process Control
- VIRSeek Food Hepatitis E Virus
- VIRSeek RNAExtractor Food

VIRSeek Solution offers an ISO-compliant workflow for the detection of viruses in various food samples and bottled water

