

MACHEREY-NAGEL

Magnetic bead-based veterinary sample extraction

Bioanalysis



NucleoMag[®] VET Prefilled Plates

Save hands-on time with prefilled plates!

- Simplified automation workflow for 8–32 veterinary samples
- Fully compatible with MN extraction robots
- Up to 50% less plastic consumption

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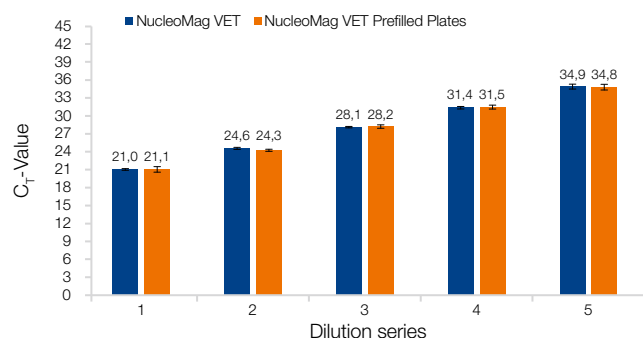
NucleoMag® VET Prefilled Plates – Product at a glance

Technology	Magnetic beads
Format	Highly reactive superparamagnetic beads
Sample material	Animal whole blood, tissue, ear notches, plasma, serum, milk, swab washes, fecal samples, chewing cords, insects (e.g. honey bees), pollen
Fragment size	300 bp – approx. 50 kbp
Elution volume	100 µL
Processing time	Approx. 30 min (excluding lysis)

Simplify
your
nucleic acid
extraction!

Save
time and
plastics!

NucleoMag® VET vs. NucleoMag® VET Prefilled Plates



High extraction performance of NucleoMag® VET Prefilled Plates

Cattle saliva was used for the isolation of porcine enterovirus (PEV) in several dilutions with the NucleoMag® VET kit and the new NucleoMag® VET Prefilled Plates. Five different dilution series of PEV (ssRNA) were used for extractions on the NucleoMag® X32 extraction robot. Results show qPCR-data with comparable C_T -values showing a very consistent and reliable virus detection for both prefilled and freshly prepared plates.

Ordering information

Product	Specifications	Preps/Pack of	REF
NucleoMag® VET Prefilled Plates	The NucleoMag® VET kit chemistry prefilled in plates for simplified automation of magnetic bead-based nucleic acid extraction from veterinary samples	1 x 96	744209
NucleoMag® VET	Magnetic bead-based kit for isolation of viral nucleic acids and bacterial DNA from veterinary samples; includes magnetic beads, Carrier RNA, Proteinase K, and buffers	1 x 96 / 4 x 96 / .100	744200.1 / .4 / .100
Related products			
NucleoSpin® VET	Silica membrane-based single spin kit for isolation of viral nucleic acids and bacterial DNA from veterinary samples; includes NucleoSpin® VET binding columns, collection tubes, liquid proteinase K, carrier RNA, and buffers	10 / 50 / 250	740842.10 / .50 / .250
NucleoMag® X32	Magnetic rod system for automated nucleic acid extraction using MACHERY-NAGEL's NucleoMag® kits, parallel processing of up to 32 samples	1	747020
IsoPure Mini	Magnetic rod system for automated nucleic acid extraction using MACHERY-NAGEL's NucleoMag® kits, parallel processing of up to 16 samples	1	747000

Product features

- Save up to 15 minutes hands-on time with prefilled plates
- High performance of veterinary sample extraction
- Data consistency due to less pipetting steps
- Up to 50% less plastic consumption when using NucleoMag® VET Prefilled Plates



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Management System
EN ISO 13485:2016
ISO 9001:2015

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ID 0000056401



MACHERY-NAGEL GmbH & Co. KG · Valencienner Str. 11 · 52355 Düren · Germany

DE +49 24 21 969-0 info@mn-net.com

CH +41 62 388 55 00 sales-ch@mn-net.com

FR +33 388 68 22 68 sales-fr@mn-net.com

US +1 888 321 62 24 sales-us@mn-net.com