

S5 Table. Properties of the four nucleic acid extraction kits, QIA, NUC, MIN and, POW applied in this study.

	QIAamp Viral RNA Mini Kit (QIA)	Nucleospin RNA XS (NUC)	NucliSENS® miniMAG® (MIN)	PowerViral® Environmental RNA/DNA Isolation Kit (POW)
Technology	Spin column	Spin column	Magnetic silica beads	Spin column
Maximum input volume (µl)	560	NA	1000	200
DNase step included	No	Yes	No	No
Price for 50 samples (Euro)	231	317	304	395
Time for 24 samples (h)	~ 3 hours	~ 3 hours	~ 3 hours	~ 3 hours
Minimum elution volume (µl)	30	5	25	50
Possibility of automatization	yes	no	yes	no
Producer	Qiagen	Macherey-Nagel	BioMérieux	MO BIO