

Extraction Kits For Diagnostic Needs

Comparison of the products with its competitors

❖ Extraction kits for isolating **pathogen DNA / RNA** from any types of samples

Product Name	Patho Gene-spin™ DNA/RNA Extraction Kit	Patho Gene-spin™ Plus DNA/RNA Extraction Kit	Pathogen Mini Kit
Company	iNtRON / 17154	iNtRON / 17158	Q company
Tests	50 T	50 T	50 T
Sample types	Cell, tissue, plasma, blood, serum, cell-free body fluids	Cell, tissue, plasma, blood, serum, cell-free body fluids	Animal whole blood, serum, plasma, other fluids, swabs, washes, and tissues
Nucleic acid types	Viral DNA/RNA, bacterial DNA	Viral DNA/RNA, bacterial DNA	Viral DNA/RNA, bacterial DNA
Extraction time	30 minutes	45 minutes	40 minutes
Organic extraction	Non-phenol extraction / No alcohol precipitation	Non-phenol extraction / No alcohol precipitation	Organic extraction for difficult tissue
Technology	Silica technology	Silica technology	Silica technology
Key components	-	Proteinase K, carrier RNA	Proteinase K, carrier RNA

❖ Extraction kits for isolating total **genomic DNA** from any types of samples

Product Name	G-spin™ Total DNA Extraction Kit	Blood & Tissue Kit
Company	iNtRON / 17054	Q company
Tests	50 T	50 T
Sample types	Whole blood, cell, tissue, fixed tissue and Gram (-) Bacteria	Animal blood, animal tissue, rodent tails, ear punches, cultured cells, fixed tissue bacteria
Nucleic acid types	Genomic DNA / pathogen gDNA	Genomic DNA / mitochondrial DNA
Extraction time	20 to 30 minutes	20 minutes to 1 hour
Key components	RNase A, Proteinase K	Proteinase K
Protocol	Optimal protocol for each sample type	Optimal protocol for each sample type
Technology	Silica technology	Silica technology