

## MagPurix® Reagent Kit Selection Guide

Sample Type	Target	Blood DNA 200*	Blood DNA 1200*	Viral Nucleic Acid	Tissue DNA	Cultured Cell DNA	Bacterial DNA	HPV DNA	TB DNA	FFPE DNA	Forensic DNA	Viral P. pathogen A	Viral P. pathogen B	Plant RNA	Total RNA	Viral RNA	CFC DNA
Whole Blood Fresh, frozen, anticoagulated	gDNA, circulating DNA, viral DNA/RNA	●	●								△						
	Bacteria						●										
	Mycobacteria						●										
	Total RNA														●		
Buffy coat	gDNA	●	●		△												
	Total RNA														●		
Luekocyte concentration	gDNA	●	●		△												
	Total RNA														●		
Clotted, dried blood	gDNA				△												
	Viral DNA/RNA, circulating DNA			●							●						
Plasma and Serum	Viral RNA			△							△						
	Virus+ Bacteria										●						
	Bacteria						●				△						
	Mycobacteria						●				△						
Blood stain	gDNA				△						●						
	Total RNA														●		
Bone Marrow	gDNA				●	△					△						
	Total RNA														●		
CFS, Urine, other cell-free bodily fluids	Viral DNA/RNA, circulating DNA			●							△						
	Viral RNA			△							△						
	Virus+ Bacteria										●	●					
	Bacteria						●				△						
Cell culture supernatant	Mycobacteria						●				△						
	Viral DNA/RNA			●							△						
	Viral RNA			△							△						
	Bacteria+Virus										●	●					
Bronchoalveolar lavage, aspirates	Bacteria						●				△						
	gDNA						●				△						
	Bacteria						●				△						
	Virus+ Bacteria										●	●					
Liquid Sample Transport Media	Mycobacteria						●				△						
	Viral DNA/RNA			●							△						
	Viral RNA			△							△						
	HPV virus						●				△						
Bacterial culture: suspension, plate, colony	Bacteria						●				△						
	Virus+ Bacteria										●	●					
	Mycobacteria						●				△						
	Bacteria (gram+ and gram-)						●				△						
Sputum, decontaminated sputum	Mycobacteria						●				△						
	Bacteria+Virus										●	●					
	Bacteria						●				△						
Saliva, mouthwash	gDNA						●				△						
	Bacteria						●				△						
	Bacteria+Virus										●	●					
Cultured cells	gDNA						●				△						
	Total RNA													●			
Solid Tissue, Biopsy	gDNA						●				△						
	Total RNA													●			
	Bacteria						●				△						
Rodent tails	gDNA						●				△						
	Total RNA													●			
FFPE tissue	gDNA						●				△						
	HPV virus						●				△						
Cervicovaginal sample: scrapes, smear (brush, swab), lavage	Bacteria						●				△						
	Bacteria+Virus										●	●					
	gDNA						●				△						
Swabs: nasal, pharyngeal, throat, eye, buccal, rectal, genital, skin lesions and mucous membranes contact swabs	Bacteria						●				△						
	Bacteria+Virus										●	●					
	Virus										△	△					
Stool	Bacteria						●				△						
	Bacteria+Virus										●	●					
Forensic and human identity samples	gDNA										●	●					
	Chewing gum										●	●					
	Cigarette butts										●	●					
	Sperm stain										●	●					
	Stamps, envelopes										●	●					
	Finger nails										●	●					
	Hair, hair roots										●	●					
Insects, Fish, Shrimps	gDNA						●				△						
	Total RNA													●			
Plant material (GMO), Fungi	gDNA													●			
	Total RNA													●			
Yeast	gDNA													●			
	Total RNA													●			
Environmental Sample, Water	Bacteria						●				△						
	Bacteria+Virus										●	●					

Recommended Kit: ● MagPurix Blood DNA Extraction Kit 200\* - for whole blood samples 10 - 400 µL volume and WBC count less than 2 x 10<sup>4</sup> cells / µL  
 Compatible Kit: △ MagPurix Blood DNA Extraction Kit 1200\* - for whole blood samples 400 - 1000 µL volume or WBC more than 2 x 10<sup>4</sup> cells / µL  
 (If the WBC no. of whole blood sample is more than 4 x 10<sup>4</sup> cells / µL, dilute the sample with PBS or saline is recommended)



For inquiries and further questions, please visit our website [www.zinexts.com](http://www.zinexts.com) or contact us by Email ([sales@zinexts.com](mailto:sales@zinexts.com)).

