



- **Recommended:** Internally Validated kit with proven extraction efficiency on the sample type and target.
- **Compatible:** Can be used on the sample type and target. Not internally validated - Extraction efficiency and results may differ.

Sample	Target	Blood DNA (611)	OptiPure Blood DNA (61E)	Dried Blood Spot DNA (61E-BS)	Blood RNA (621)	OptiPure cfDNA (61C)	FFPE DNA (61P)	HBV (615)	OptiPure Viral (665)	Plant DNA (613)	Plant RNA (6K3)	Tissue DNA (6T2)	Tissue RNA (6K2)	Stool DNA (6SC)	Fungi (61F)	Bacteria DNA (61G)
Blood	gDNA	●	●													
	Total RNA				●											
Buffy coat	gDNA	●	●													
	Total RNA				○											
Leukocyte	gDNA	○	● ²													
	Total RNA				○											
Clotted, Dried blood	gDNA			●												
Plasma / Serum	Virus							●	●							
	Bacteria															○
	cfDNA					●										
Bone marrow	gDNA		●													
Body fluids	Virus		○						○							
	Virus+Bacteria		○						○							
	Bacteria		○						○							○
Cell culture supernatant	Virus								○							
	Bacteria+Virus								○							
	Bacteria								○							○
BAL, Aspirates	gDNA							●								
Liquid sample transport media	Virus								● ¹							
	Bacteria								○							○
	Bacteria+Virus								○							
Bacteria culture	Bacteria															●
Sputum	Bacteria															○
	Virus								● ¹							
Saliva	gDNA		○													
	Virus								●							
Culture cells	gDNA											●				
	Total RNA												●			
	Bacteria															○
Solid tissue	gDNA											●				
	Total RNA												●			
	Virus											○				
	Bacteria											○				
Rodent tails	gDNA											○				
	Total RNA												○			
FFPE	gDNA						●									
Swab	gDNA		●						●							
	Bacteria															○
Stool	gDNA															●
	Bacteria															●
	Virus															○
Fish	gDNA											●				
	Total RNA												●			
Yeast	gDNA														●	
Plant, Seed	gDNA									●						
	Total RNA										●					
Water	Bacteria															○

Note. 1. Comparing the yield of oropharyngeal swabs and sputum for detection of 11 common pathogens in hospitalized children with lower respiratory tract infection.
2. Interactions of COMT and ALDH2 Genetic Polymorphisms on Symptoms of Parkinson's Disease.

TANBead Forensic DNA

Sample	Blood stain	Chewing gum	Cigarette butts	Sperm	Stamps, Envelopes	Fingernails	Hair, Hair roots
gDNA	●	●	●	●	○	●	○
mitochondria DNA	●	●	●	●	○	●	●