

# E.Z.N.A.<sup>®</sup> Universal Pathogen DNA Kit

Isolates pathogen DNA & RNA from a variety of sample sources

CAT NO: D4035



## Low Elution

Volumes as low as 15 µL



## Disruptor Tubes

Glass beads pre-filled in 2 mL tubes



## Versatile

Isolates DNA & viral RNA from a wide variety of sample types



## Quality

Sequence quality DNA preparations



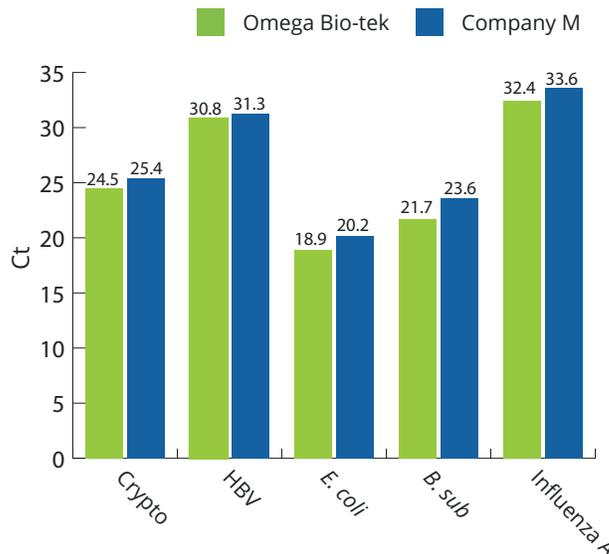
## Safe

No phenol-chloroform extractions

**E.Z.N.A.<sup>®</sup> Universal Pathogen DNA Kit** allows for rapid and reliable isolation of high quality host genomic DNA, gram-positive and -negative bacterial DNA, fungal spore DNA, yeast DNA, viral DNA and viral RNA from tissues, blood, urine, serum, whole blood, and fecal samples.

This kit incorporates Omega Bio-tek's Disruptor Tubes pre-filled with glass beads for faster and easier processing. The Disruptor Tubes allow for simultaneous homogenization and lysis of the samples in the kit's lysis buffers and aid in effective lysis of difficult samples. No detergents are present in the initial lysis buffer, which eliminates foaming issues and provides optimal conditions for homogenization.

This unique buffer system does not require alcohol to bind nucleic acids, allowing for recovery of high quality DNA/RNA free of PCR inhibitors. Omega Bio-tek's MicroElute LE Spin Columns are used, which allow for elution volumes as low as 15 µL.



### qPCR Comparison from Different Extraction Methods

**Figure 1.** Human fecal samples suspended in PBS solution were spiked with corresponding organisms. Fecal samples were then processed according to each manufacturer's recommended protocols. qPCR was performed in triplicate for each sample using primers specific for the target organisms. Data shown are averages of triplicate reactions.

Product Description	Preps	Cat No.
E.Z.N.A. <sup>®</sup> Universal Pathogen DNA Kit	5	D4035-00
	50	D4035-01

For free samples of any of our kits, visit [www.omegabiotek.com](http://www.omegabiotek.com)



innovations in nucleic acid isolation

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