

E.Z.N.A.[®] Food DNA Kit

Isolation of high-quality DNA from complex matrixes such as processed food, chocolate, cereals, etc.

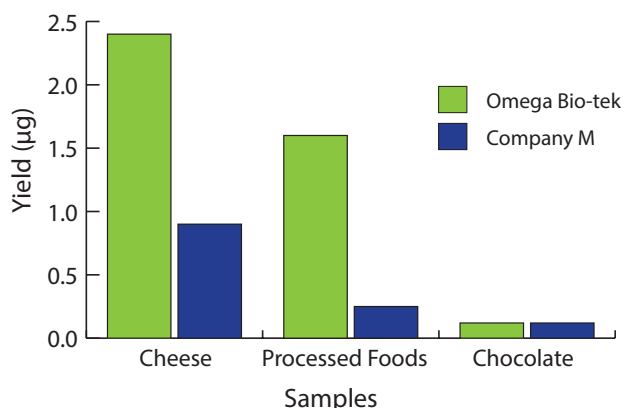
Features and Benefits

- **Safety:** No organic extractions
- **Quality:** Pure DNA suitable for downstream applications
- **Versatile:** Isolate DNA from a range of food products including milk, cereal and chocolate

The E.Z.N.A.[®] Food DNA Kit allows for the rapid and reliable isolation of high-quality DNA from complex matrixes such as processed foods, chocolate, cereals, meats, etc. Specific protocols exist to target host DNA for GMO testing or bacterial DNA for pathogen/spoilage testing. Omega Bio-tek's MB1 Buffer allows for efficient homogenization of samples without foaming commonly seen in lysis buffers containing detergents, resulting in higher yields.

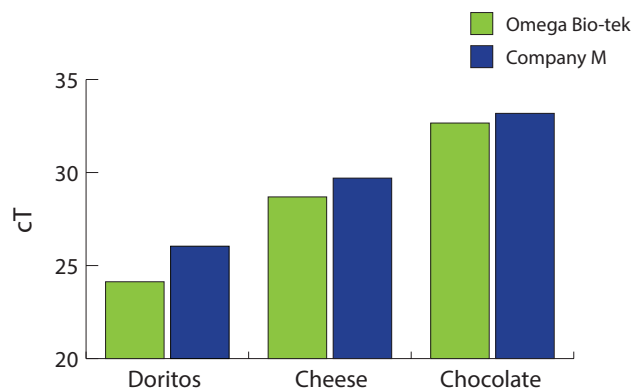
The system combines the HiBind[®] DNA Mini Columns with RBB Buffer to eliminate PCR inhibiting compounds within the samples and elute highly concentrated DNA. The purified DNA can be used in PCR-based testing for genetically modified organism (GMO) DNA. There are no organic extractions, thus reducing plastic waste and hands-on time, and multiple samples can be processed in parallel.

DNA Yield Comparison
Omega Bio-tek vs. Company M



DNA was extracted from approximately 200 µg samples according to manufacturer's recommended protocols and eluted in 100 µL. DNA yield was determined via fluorescence-based nucleic acid quantification.

qPCR Comparison
Omega Bio-tek vs. Company M



Approximately 200 mg samples DNA extracted per manufacturer's recommended protocol and eluted in 100 µL. A 20 µL SYBR Green real-time PCR was performed in triplicate and 2 µL eluate was used as template.

Product Information

Product No.	Preps
D4616-00	5
D4616-01	50