



TANBEAD

TANBead® Nucleic Acid Extraction Kit

Food and Feed DNA Extraction (6GM)

TANBead® Food and Feed DNA Kit is designed for purifying DNA, RNA or DNA/RNA from various sample types. based on magnetic bead technology. By using with corresponding TANBead® Nucleic Acid Extractors, which can convenient way for extracting high-quality DNA and the highly fragmented DNA (down to 100 bp) from raw materials (soybean, corn), processed food (Tofu), genetically modified food (GM-Tofu), and feed (swine food). With Maelstrom 8 series and Maelstrom 4800 series, this kit simplifies nucleic acids extraction, reducing time for manual processing without repetitive centrifugations, and lowering the risk of cross-contamination.

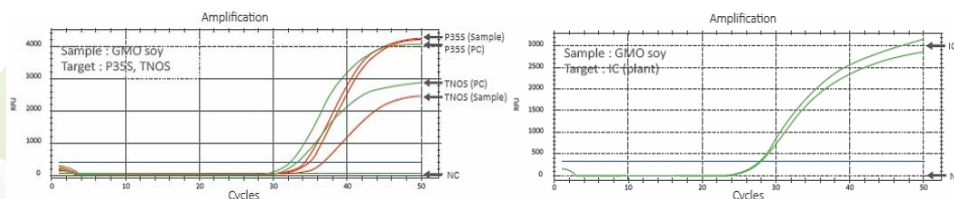
Feature	Specification
Application	PCR and qPCR analysis
Sample	Food material or products
Purification technology	Automation Magnetic beads
Operation Time	45-55min
DNA length (bp)	down to 100 bp

Table. The DNA extracted from 50 mg sample was examined with Qubit™ dsDNA HS assay kit.

Product type	Expected yield
Corn	20-40 ng / μ L
Soybean	25-50 ng / μ L
Chip	2-10 ng / μ L
Cereal	0-10 ng / μ L
Tofu	10-30 ng / μ L
Miso	5-20 ng / μ L
Dog food	10-35 ng / μ L
Pig food	10-50 ng / μ L



Figure. The performance of Food and Feed DNA Auto Kit was examined through qPCR analysis.



Sample Description	Test	Instrument	Reference No.	Ordering No. (RUO)
Food and feed DNA Auto Plate	96	SLA 32/ E132	6GMA46	301633
Food and feed DNA Auto Tube	96	SLA 32/ E132	6GMS46	301634
Food and feed DNA Auto Plate	96	M8/ M4800 series	M6GMA46	301635
Food and feed DNA Auto Tube	96	M8/ M4800 series	M6GMS46	301636
Food and feed DNA Auto Plate	96	M9600 series	W6GMA46	301637
Food and feed DNA Auto Tube	72	M9600 series	W6GMS66	301638



Rapid

Highly efficient, convenient and time-saving



Efficacy

Provide choices for different sample inputs, such as 8, 48, 96 tests per run



Quality

High-quality DNA suitable for PCR, qPCR



Safety

No toxic solvents throughout the whole extraction process



TANBEAD



Linkedin

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