



TANBEAD

# TANBead® Nucleic Acid Extraction Kit

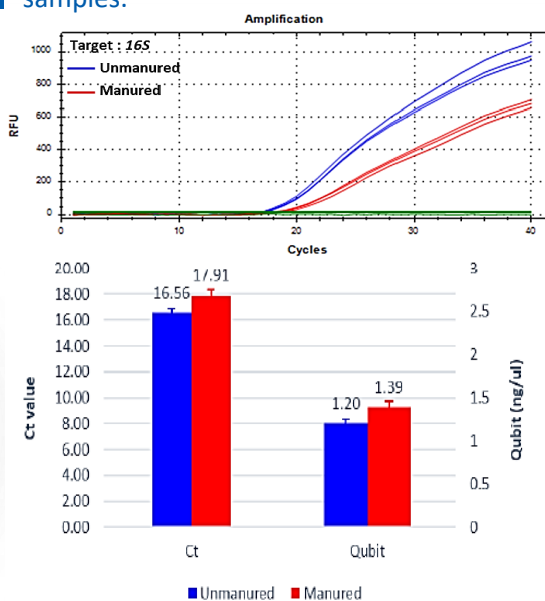
## Environmental Microbiome DNA Extraction (6EM)

### TANBead® Environmental Microbiome DNA Kit

is mainly designed to automatically isolate DNA from environmental samples, such as soil (including clay, sand, silt, loam, etc.) and stool (including humans, dogs, cats, etc.) This kit can isolate microbial DNA from gram-positive or negative bacteria. Moreover, it can remove humic acid and other PCR inhibitors allowing for purified DNA to be suitable for PCR, 16S sequencing, and other applications.

Feature	Specification
Application	PCR, qPCR, 16S sequencing, etc.
Sample	50 mg soil (clay, sand, silt, and loam), stool are recommended for each test
Purification technology	Automation Magnetic beads
Typical yield	Up to 16 µg
Operation Time	45 min

qPCR amplification of 16S gene of extracted nucleic acids from unmanured and manured soil samples.



Species	Unmanured	Manured
Sample	Soil	
Qubit (ng/µL)	1.20±0.05	1.39±0.07
Ct Value	16.56±0.31	17.91±0.40

Sample Description	Test	Instrument	Reference No.	Ordering No. (RUO)
Environmental Microbiome DNA Auto Plate	96	SLA 32/ E132	6EMA46	301639
Environmental Microbiome DNA Auto Tube	96	SLA 32/ E132	6EMS46	301640
Environmental Microbiome DNA Auto Plate	96	M8/ M4800 series	M6EMA46	301641
Environmental Microbiome DNA Auto Tube	96	M8/ M4800 series	M6EMS46	301642
Environmental Microbiome DNA Auto Plate	96	M9600 series	W6EMA46	301643
Environmental Microbiome DNA Auto Tube	72	M9600 series	W6EMS66	301644



### 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, 16S sequencing



### Broad

Extraction from various environmental samples



TANBead



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