Metagenomic Sequencing (mNGS) Reference Standards

Meet the research and quality control needs of mNGS detection

mNGS reference standard set includes one or more bacterial or fungal microorganisms, and available in inactivated bacterial solution, nucleic acid solution and other desired formats. Products can be customized for different types of microorganisms, product formats and specifications to be compatible with your unique application.

Key Features

Strain abundance
Gram-positive bacteria, Gram-negative bacteria, fungi and other microorganisms

Mixed strain
Customized to provide a single type or mixed microorganisms

Various product formats
Bacterial solution and gDNA product forms

Applications

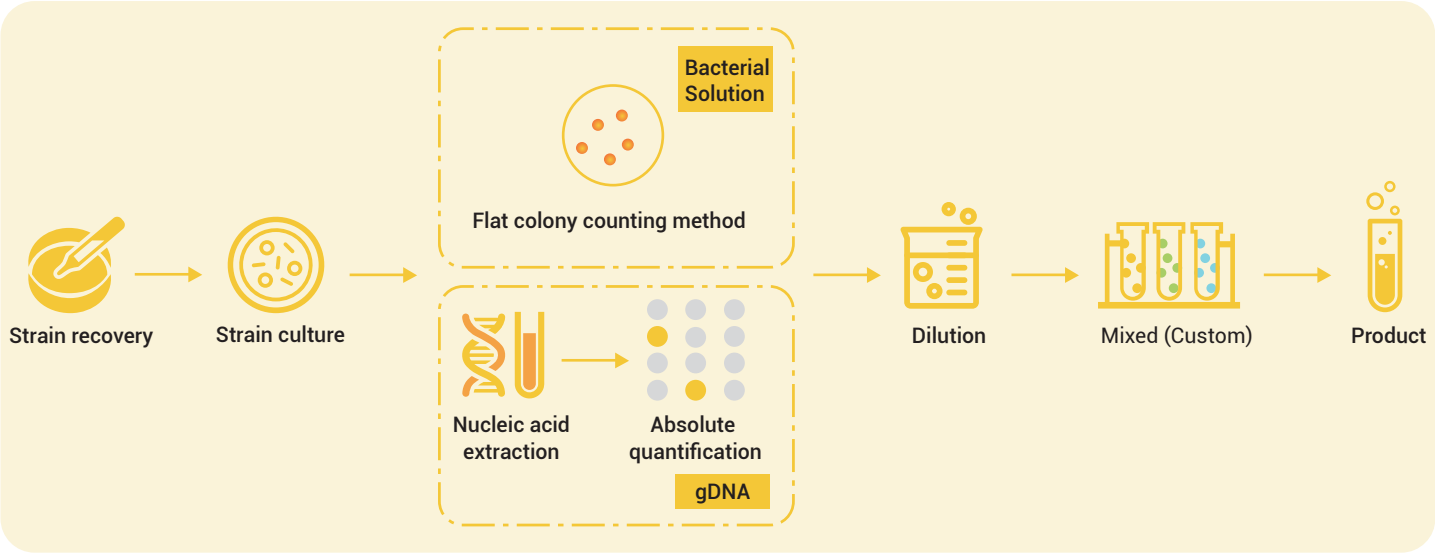
Registration certificate
Positive quality control products in the kit and enterprise reference products

Routine quality control
Evaluate the stability and reliability of the test process

Parallel test
Parallel comparison of test kit and external quality assessment

Valuation bioinformatics
Bioinformatics modeling, process testing and development

Basic Flow



Customization

Customizable Item	Strain Type	Whether the strains are mixed	Product Format (Bacteria)	Product Format (Fungus)	Quality Control
Customizable Range	Bacteria Fungus	Single bacterial solution Mixed (strain < 10)	bacterial solution: PBS buffer, saline, plasma, etc gDNA: TE buffer	Fungal liquid: PBS buffer, saline, plasma, etc mycelium	bacterial solution: CFU gDNA: ddPCR

Product List

Product Code	Product Name	Specification	Product Format
IB-GW-INF001	Staphylococcus aureus Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution
IB-GW-INF002	Klebsiella pneumoniae Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution
IB-GW-INF003	Streptococcus pneumoniae Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution
IB-GW-INF004	Pseudomonas aeruginosa Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution
IB-GW-INF005	Candida albicans Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution
IB-GW-INF006	Acinetobacter baumnnii Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution
IB-GW-INF007	Escherichia coli Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution
IB-GW-INF008	Staphylococcus epidermidis Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution
IB-GW-INF009	Enterococcus faecalis Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution
IB-GW-INF010	Listeria monocytogenes Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution
IB-GW-INF011	Haemophilus influenzae Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution
IB-GW-INF012	Cryptoccus neoformans Reference Standard	1*10^8 CFU/mL, 1mL/tube	Inactivated bacterial solution

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