

Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Reference Standards



Contain common CFTR variants

Cystic fibrosis transmembrane conductance regulator reference standard contains common CFTR mutation sites, and is suitable for internal quality control of cystic fibrosis transmembrane conductance regulator nucleic acid detection, which can be used to monitor and improve the precision of clinical laboratory testings.

Product Name	Format	Specification	Buffer	Shelf Life	Quality Control
CF gDNA Reference Standard	gDNA	30ng/ μ L, 1 μ g/tube	Tris-EDTA, pH 8.0	36 months (2-8°C)	Sanger Sequencing

Application

Confirm LDT Performance



Accuracy verification



Stability verification



Repeatability verification

Performance Verification



Regularly monitor process performance



Definite detection limit

Routine Quality Control



Background noise interference evaluation



Comparison performance differences across platform

Key Features

Wide range of applications

NGS, Sanger, PCR, time-flight mass spectrometry, chip and other platforms



Derived from human cell line

Mimic clinical samples



Complete variant loci

Cover common variants



Product List

Product Code	Product Name	Variants	Variant Type
IB-GW-HCF001	CF gDNA Reference Standard I	621+1G>T	Heterozygote
IB-GW-HCF002	CF gDNA Reference Standard II	I507del	Heterozygote
IB-GW-HCF003	CF gDNA Reference Standard III	G542*	Homozygote
IB-GW-HCF004	CF gDNA Reference Standard IV	1717-1G>A	Heterozygote
		T7	Heterozygote
IB-GW-HCF005	CF gDNA Reference Standard V	F508del	Heterozygote
		R117H	Heterozygote



GeneWell Biotechnology Co., Ltd

Technical support : +86 755 2516 7057

E-mail :global@gene-well.com

Add : Room 802, Building 3A, Dabaihui Life Health Industrial Park, No. 2028, Shenyan Road, Yantian District, Shenzhen,Guangdong,China

GW-MKT202406IBHCF-1.v2



Whatsapp