

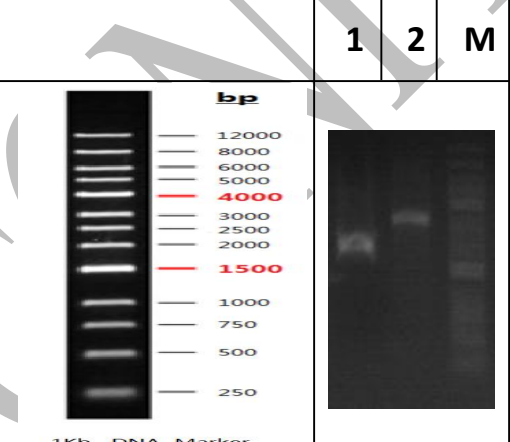
CERTIFICATE OF ANALYSIS

Gene Name	pTD1(TM) DNA	Order No.	G0269899-1
Lot No.	BF60294	Cloning Vector	pUC57
Cloning Sites	无缝克隆 -HindIII(AAGCTT)	Insert Size	585bp
Competence	Top10	Vector Resistance	Amp

QC Results

Test Items	Specifications	Results
Insert Sequence	Insert sequence results consistent with target	Pass
Vector Sequence	Flanking sequence consistent with expected	Pass
ORF Across Junction	Correct and consistent with target	N/A
Restriction Digest	Expected fragment sizes observed	Pass
PCR Amplification	Correct without non - specific bands	Pass
DNA Quantity/Quality	Actual yield (by A 260)	5ug/5ug
	Concentration (n/a if lyophilized)	N/A
	Purity (A 260/A280 = 1.8 - 2.0)	Pass
	# of Tubes	2
	Matrix	TE (lyophilized)
Endotoxin Test	Verified, <0.1 EU/μg (Endo-Free Preps Only)	N/A
Appearance	Clear, no visible particles	Pass
Label	Correct and white	Pass
Comments	-	-

Restriction Digestion Map

	1	2	M	
 <p style="font-size: small;">1Kb DNA Marker</p>				<p>Lane 1: Plasmid</p> <p>Lane 2: Plasmid Digested with PvuII</p> <p>Lane M: DNA Marker</p>

Certified by: hy__
 Date:04/22/2023