

STR Authentication Report For Cell Line

1. Cell Name: T98G

2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.

3. Sample gene genotype analysis result:

Genotype analysis results of STR and Amelogenin loci in cells						
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell		
	Cell name: T98G-Y01-K			Cell name: T98G [T98-G]		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	12		10	12	
D13S317	13	13		13	13	
D7S820	9	10		9	10	
D16S539	13	13		13	13	
VWA	17	20		17	20	
TH01	7	9.3		7	9.3	
AMEL	X	Y		X	Y	
TPOX	8	8		8	8	
CSF1PO	10	12		10	12	
D12S391	17	18				
FGA	21	22				
D2S1338	19	24				
D21S11	28	32.2				
D18S51	13	16				
D8S1179	13	14				
D3S1358	16	16				
D6S1043	14	14				

PENTAE	16	16				
D19S433	12	13				
PENTAD	10	11				
D1S1656	14	17				

4. Conclusion: The STR results of **T98G** cells are consistent with the genotypes of **T98G** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-1690** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

