

STR Authentication Report For Cell Line

1. Cell Name: T24

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: T24			Cell name: T24		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	12		10	12	
D13S317	12	12		12	12	
D7S820	10	11		10	11	
D16S539	9	9		9	9	
VWA	17	17		17	17	
TH01	6	6		6	6	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	10	12		10	12	
D12S391	18	18				
FGA	17	22				
D2S1338	20	23				
D21S11	29	29				
D18S51	16	18				
D8S1179	14	14				
D3S1358	16	16				
D6S1043	11	11				

PENTAE	7	10				
D19S433	14	14				
PENTAD	11	15				
D1S1656	12	15				

4. Conclusion: The STR results of **T24** cells are consistent with the genotypes of **T24** cell lines in **DSMZ** database, the cell ID corresponded to **HTB-4** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

