

STR Authentication Report For Cell Line

1. Cell Name: TE-10

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: STR25022004			Cell name: TE-10		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	13	13		13	13	
D13S317	11	11		11	11	
D7S820	8	10		8	10	
D16S539	9	11		9	11	
VWA	14	18		14	18	
TH01	6	6		6	6	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	11	11		11	11	
D12S391	18	19				
FGA	21	23				
D2S1338	20	25				
D21S11	30	30				
D18S51	14	14				
D8S1179	15	15				

D3S1358	16	16				
D6S1043	15	15				
PENTAE	15	16				
D19S433	14	14				
PENTAD	10	10				
D1S1656	13	17				

4. Conclusion: The STR results of **TE-10** cells are consistent with the genotypes of **TE-10** cell lines in **DSMZ** database, the cell ID corresponded to **RCB2099** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

