

STR Authentication Report For Cell Line

1. Cell Name: LAPC-4

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: STR24112708			Cell name: LAPC-4		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	13		11	13	
D13S317	10	11	12.0	9	10	11.0
D7S820	10.3	11		10	10.3	11.0
D16S539	9	9		9	9	
VWA	16	16		16	16	
TH01	6	9.3		6	9.3	
AMEL	X	Y		X	Y	
TPOX	8	8		8	8	
CSF1PO	12	12		12	13	
D12S391	20	21				
FGA	20	21	22.0			
D2S1338	17	18	19.0			
D21S11	28	28				
D18S51	21	21				
D8S1179	13	13				

D3S1358	15	17				
D6S1043	12	12				
PENTAE	12	13				
D19S433	13	15	16.0			
PENTAD	10	10				
D1S1656	12	14	15.0			

4. Conclusion: The STR results of **LAPC-4** cells are consistent with the genotypes of **LAPC-4** cell lines in **EXPASY** database, the cell ID corresponded to **CRL-9068** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

