

STR Authentication Report For Cell Line

1. Cell Name: HCCC-9810

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: STR24122005			Cell name: HCCC-9810		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	11		11	11	
D13S317	11	11		11	11	
D7S820	10	12		10	12	
D16S539	9	12		9	12	
VWA	16	17		16	17	
TH01	9	9		9	9	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	11	12		11	12	
D12S391	19	19				
FGA	23	24				
D2S1338	17	19				
D21S11	30	32				
D18S51	15	15				
D8S1179	10	13				

D3S1358	17	17				
D6S1043	19	19				
PENTAE	19	19				
D19S433	13	14				
PENTAD	9	13				
D1S1656	15	17.3				

4. Conclusion: The STR results of **HCCC-9810** cells are consistent with the genotypes of **HCCC-9810** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL_6908** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

