

STR Authentication Report For Cell Line

1. Cell Name: PLC/PRF/5
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: PLC/PRF/5			Cell name: PLC/PRF/5		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	11	12		11	12	
D7S820	9	11		9	11	
D16S539	13	13		13	13	
VWA	15	16		15	16	
TH01	8	8		8	8	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	10	10		10	10	
D12S391	15	20				
FGA	19.2	25				
D2S1338	19	22				
D21S11	30	33.2				
D18S51	17	17				
D8S1179	13	16				
D3S1358	15	15				
D6S1043	13	21				

PENTAE	10	16				
D19S433	11	13				
PENTAD	6	10				
D1S1656	14	14				

4. Conclusion: The STR results of **PLC/PRF/5** cells are consistent with the genotypes of **PLC/PRF/5** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-8024**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

