

STR Authentication Report For Cell Line

1. Cell Name: AsPC-1

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: AsPC-1-Y01-Z			Cell name: AsPC-1		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	9	12		9	12	
D7S820	12	13		12	13	
D16S539	11	11		11	11	
VWA	17	17		17	17	
TH01	7	9.3		7	9.3	
AMEL	X	X		X	X	
TPOX	8	10		8	10	
CSF1PO	10	13		10	13	
D12S391	19	19				
FGA	24	24				
D2S1338	22	23				
D21S11	28	30				
D18S51	18	18				
D8S1179	13	15				
D3S1358	16	16				
D6S1043	11	20				

PENTAE	5	12				
D19S433	14	14				
PENTAD	9	12				
D1S1656	12	18.3				

4. Conclusion: The STR results of **AsPC-1** cells are consistent with the genotypes of **AsPC-1** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-1682** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

