

STR Authentication Report For Cell Line

1. Cell Name: HT-1376

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: STR25041103			Cell name: HT-1376		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12		11	12	
D13S317	9	11		9	11	
D7S820	9	12		9	12	
D16S539	11	14		11	14	
VWA	15	18		15	18	
TH01	7	10		7	10	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	12	12		12	12	
D12S391	18	19				
FGA	21	22				
D2S1338	17	19	21.0			
D21S11	26	32.2				
D18S51	14	15				
D8S1179	14	16				

D3S1358	14	17				
D6S1043	18	18				
PENTAE	7	13				
D19S433	16	16				
PENTAD	11	11				
D1S1656	14	14				

4. Conclusion: The STR results of **HT-1376** cells are consistent with the genotypes of **HT-1376** cell lines in **DSMZ** database, the cell ID corresponded to **ACC-397**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

