

STR Authentication Report For Cell Line

1. Cell Name: Caov-3

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: Caov-3			Cell name: Caov-3		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	12	12		12	12	
D7S820	10	10		10	10	
D16S539	9	9		9	9	
VWA	16	18		16	18	
TH01	7	7		7	7	
AMEL	X	X		X	X	
TPOX	8	10		8	10	
CSF1PO	10	13		10	13	
D12S391	15	23				
FGA	24	24				
D2S1338	16	17				
D21S11	30	30				
D18S51	18	18				
D8S1179	14	14				

D3S1358	16	16				
D6S1043	12	12				
PENTAE	11	15				
D19S433	14	14				
PENTAD	12	12				
D1S1656	11	11				

4. Conclusion: The STR results of **Caov-3** cells are consistent with the genotypes of **Caov-3** cell lines in **DSMZ** database, the cell ID corresponded to **HTB-75** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

