

STR Authentication Report For Cell Line

1. Cell Name: COR-L23

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: STR25052106			Cell name: COR-L-23/CPR		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	12		10	12	
D13S317	10	11		10	11	
D7S820	9	9		9	9	
D16S539	11	13		11	13	
VWA	19	19		19	19	
TH01	9	9		9	9	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	11	11		11	11	
D12S391	18	18				
FGA	24	24				
D2S1338	23	23				
D21S11	31.2	31.2				
D18S51	13	16				
D8S1179	10	13				

D3S1358	15	15				
D6S1043	11	11				
PENTAE	12	20				
D19S433	14	14				
PENTAD	13	13				
D1S1656	14	17.3				

4. Conclusion: The STR results of **COR-L23** cells are consistent with the genotypes of **COR-L-23/CPR** cell lines in **DSMZ** database, the cell ID corresponded to **HPAC** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

