

STR Authentication Report For Cell Line

1. Cell Name: CHP212

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: STR25042505			Cell name: CHP-212		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	12		10	12	
D13S317	8	13		8	13	
D7S820	11	11		11	11	
D16S539	13	13		13	13	
VWA	15	18		15	18	
TH01	6	6		6	6	
AMEL	X	Y		X	Y	
TPOX	8	11		8	11	
CSF1PO	12	12		12	12	
D12S391	17.3	22				
FGA	20	20				
D2S1338	22	25				
D21S11	27	29				
D18S51	14	16				
D8S1179	11	13				

D3S1358	15	17				
D6S1043	17	20				
PENTAE	5	15				
D19S433	12	15				
PENTAD	9	10				
D1S1656	15	15				

4. Conclusion: The STR results of **CHP212** cells are consistent with the genotypes of **CHP-212** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-2273**, and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

