

STR Authentication Report For Cell Line

1. Cell Name: LIM1215

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: STR25022003			Cell name: LIM1215		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	9	12		9	12	
D13S317	8	12		8	12	
D7S820	9	10.3		9	10.3	
D16S539	9	12		8	9	11.0
VWA	15	16		15	16	
TH01	9.3	10		9.3	10	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	10	10		10	10	
D12S391	19	22				
FGA	21	24				
D2S1338	16	21				
D21S11	29	31				
D18S51	12	18				
D8S1179	13	13				
D3S1358	15	16				
D6S1043	11	12				

PENTAE	7	7				
D19S433	10	15.2				
PENTAD	11	12				
D1S1656	16	17				

4. Conclusion: The STR results of **LIM1215** cells are consistent with the genotypes of **LIM1215** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL_2574**, and the STR results **basically matched**. In the test, **Multi allele was found** in this cell line.

5. Attached Image

