

STR Authentication Report For Cell Line

1. Cell Name: NCCIT

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: STR25041125			Cell name: NCCIT		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	10	13		10	13	
D13S317	11	11		11	11	
D7S820	10	10		10	10	
D16S539	9	12		9	12	
VWA	14	18		14	18	
TH01	7	9		7	9	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	10	12		10	12	
D12S391	18	22				
FGA	22	26				
D2S1338	18	19				
D21S11	29	32.2				
D18S51	13	14				
D8S1179	10	15				

D3S1358	16	16				
D6S1043	14	14				
PENTAE	5	14				
D19S433	13	15				
PENTAD	10	12				
D1S1656	15	17				

4. Conclusion: The STR results of **NCCIT** cells are consistent with the genotypes of **NCCIT** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-2073** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

