

STR Authentication Report For Cell Line

1. Cell Name: SK-N-DZ

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: STR25032023			Cell name: SK-N-DZ		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	8	11		8	11	
D7S820	12	13		12	13	
D16S539	9	11		9	11	
VWA	16	18		16	18	
TH01	6	9		6	9	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	12	12		12	12	
D12S391	18	21				
FGA	18	22				
D2S1338	21	22	23.0			
D21S11	29	31				
D18S51	15	17				
D8S1179	12	13				

D3S1358	17	17				
D6S1043	14	19				
PENTAE	7	10				
D19S433	14.2	16				
PENTAD	9	14				
D1S1656	16	17.3				

4. Conclusion: The STR results of **SK-N-DZ** cells are consistent with the genotypes of **SK-N-DZ** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-2149** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

