

STR Authentication Report For Cell Line

1. Cell Name: NCI-H929
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: STR24112707			Cell name: NCI-H929 [H929]		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12		11	12	
D13S317	12	12		12	12	
D7S820	10	12		10	12	
D16S539	9	13		9	13	
VWA	14	15		14	15	
TH01	9.3	9.3		9.3	9.3	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	11	11		11	11	
D12S391	19.3	19.3				
FGA	21	24				
D2S1338	17	19				
D21S11	28	29				
D18S51	15	18				
D8S1179	11	13				
D3S1358	15	15				
D6S1043	11	18				

PENTAE	7	10				
D19S433	13	14				
PENTAD	12	14				
D1S1656	17.3	17.3				

4. Conclusion: The STR results of **NCI-H929** cells are consistent with the genotypes of **NCI-H929** cell lines in **DSMZ** database, the cell ID corresponded to **CRL-9068** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

