Online Inquiry

STR Authentication Report For Cell Line

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1. Cell Name: MIA PaCa-2

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: MIA PaCa-2			Cell name: MIA-PACA-2		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	13		12	13	
D13S317	12	13		12	13	
D7S820	12	13		12	13	
D16S539	10	13		10	13	
VWA	15	15		15	15	
TH01	9	10		9	10	
AMEL	X	X		X	X	
TPOX	9	9		9	9	
CSF1PO	10	10		10	10	
D12S391	19	19				
FGA	22	22				
D2S1338	25	25				
D21S11	29	31.2				
D18S51	12	12				
D8S1179	16	16				

D3S1358	16	16					
D6S1043	12	12					
PENTAE	13	18					
D19S433	15	15					
PENTAD	12	16					
D1S1656	15	17.3					

4. Conclusion: The STR results of **MIA PaCa-2** cells are consistent with the genotypes of **MIA PaCa-2** cell lines in **DSMZ** database, the cell ID corresponded to **ACC-733** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

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