(1) UBIGER

STR Authentication Report For Cell Line

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1. Cell Name: U251MG

- 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. JUBIGEN
- 3. Sample gene genotype analysis result:

Genotype analysis results of STR and Amelogenin loci in cells								
STR Loci	STR profile for Sample cell Cell name: U-251MG			STR profile for Cell Bank cell Cell name: U-251MG				
								Allele1
	D5S818	11	12	JUBIC	11	12		
D13S317	10	11		10	11			
D7S820	10	12		10	12	IBIGE		
D16S539	12	12		12	12			
VWA	16	18		16	18			
TH01	9.3	9.3		9.3	9.3			
AMEL	X	Х		Х	Υ			
TPOX	8	8	. C	8	8			
CSF1PO	11	12	UBIC	11	12			
D12S391	17	22				مرح ا		
FGA	21	25				IBIGI		
D2S1338	24	24			0			
D21S11	29	29						
D18S51	13	13						
D8S1179	13	15						

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D3S1358	16	16			
D6S1043	12	12			
PENTAE	7	10	. 0	ENE	
D19S433	13	15	UBIC		
PENTAD	12	12			-E1
D1S1656	16	17.3			* I IBIO

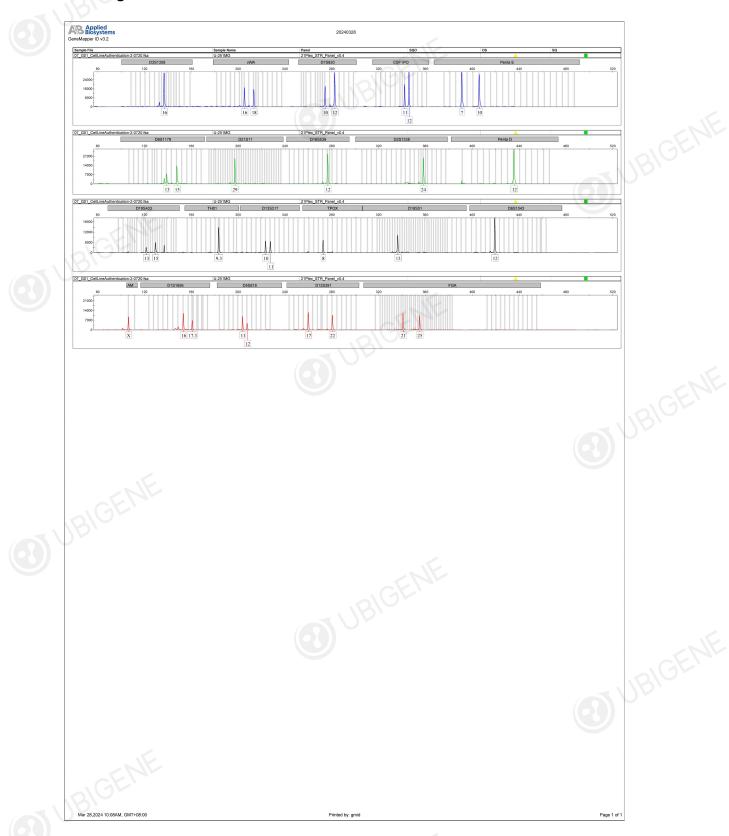
4. Conclusion: The STR results of <u>U251MG</u> cells are consistent with the genotypes of <u>U251MG</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>IFO50288</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

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5. Attached Image



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Online Inquiry

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