STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: U373-MG

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.

STR Loci Cell name: STR24112701 Cell name Allele1 Allele2 Allele3 Allele1 Al D5S818 11 12 11 10 D13S317 10 11 10 10 D7S820 10 12 10 10 D16S539 12 12 12 12 VWA 16 18 16 16	cells for Cell Bank cell e: U-373 MG llele2 Allele3 12 11
Cell name: STR24112701 Cell name: Allele1 Allele1 Allele2 Allele3 Allele1 Allele1 Allele1 Allele3 Allele1 Allele1 Allele3 Allele1 Allele1 Allele3 Allele3 Allele4 Allele3 Allele4 Allele3 Allele4 Allele3 Allele4 Allele4 Allele3 Allele3 Allele4 Allele3 Allele4 Allele3 Allele4 Allele3 Allele4 Allele3 Allele4 Allele4 Allele3 Allele3 Allele4 Allele3 Allele4 Allele4 Allele3 Allele3 Allele4 Allele4 Allele4 Allele3 Allele4 Allele3 Allele3 Allele4 Allele3 Allele4 Allele4 Allele3 Allele4 Allele4 <th>e: U-373 MG Ilele2 Allele3 12 11</th>	e: U-373 MG Ilele2 Allele3 12 11
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VWA 16 18 16 TH01 9.3 9.3 9.3 AMEL X X X TPOX 8 8 8 CSF1PO 11 12 11	12
TH01 9.3 9.3 9.3 AMEL X X X TPOX 8 8 8 CSF1PO 11 12 11	12
AMEL X X X X TPOX 8 8 8 CSF1PO 11 12 11	18
TPOX 8 8 8 CSF1PO 11 12 11	9.3
CSF1PO 11 12 11	Х
	8
D12S391 17 22	12
	-5
FGA 21 25	- IBIGE
D2S1338 22 24	
D21S11 29 29	
D18S51 13 13	
D8S1179 13 15	
D3S1358 16 17	
D6S1043 12 12	

PENTAE	GE 7	10			
D19S433	13	15			
PENTAD	12	12		ENE	
D1S1656	16	17.3	UBIC		

4. Conclusion: The STR results of <u>U373-MG</u> cells are consistent with the genotypes of <u>U373-MG</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>HTB-17</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

