(1) UBIGER

STR Authentication Report For Cell Line

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1. Cell Name: A-375

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.

. Sample ge	ene genotype	e analysis resu	ult:				
	Genotype	analysis resu	lts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: A375-2k3			STR profile for Cell Bank cell Cell name: A-375 [A375]			
	D5S818	12	12	JUBIC	12	12	
D13S317	11	14		11	14		
D7S820	9	9		9	9	- IBIGE	
D16S539	9	9		9	9		
VWA	16	17		16	17		
TH01	8	8		8	8		
AMEL	Х	Х		Х	Х		
TPOX	8	10		8	10		
CSF1PO	11	12	UBIC	11	12		
D12S391	18	21				~E	
FGA	23	23				* 11BIO	
D2S1338	16	24			(2)		
D21S11	29	30					
D18S51	12	17					
D8S1179	11	14					

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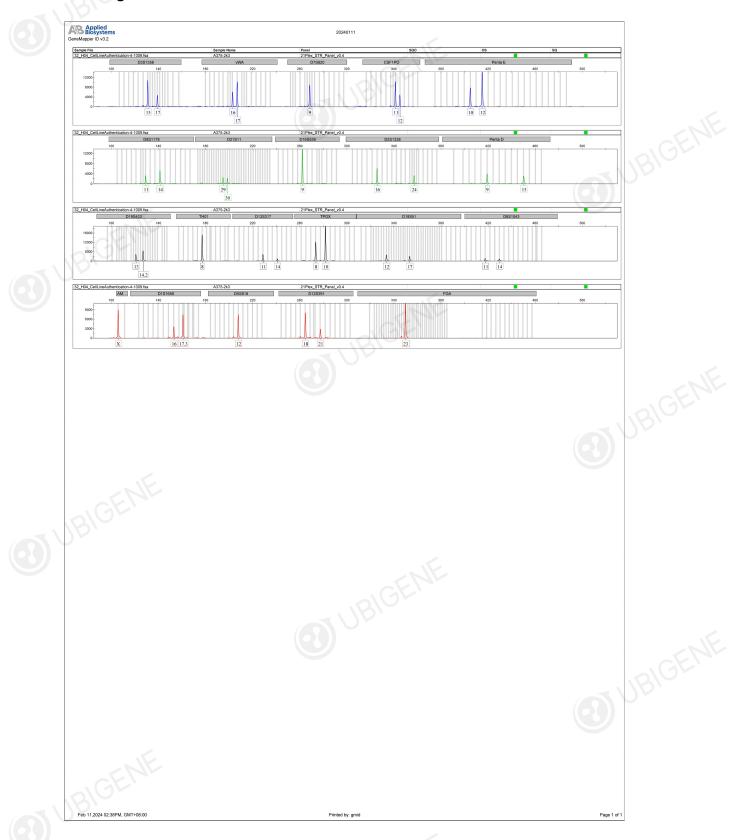
D3S1358	15	17			
D6S1043	11	14			
PENTAE	10	12	. C	ENE	
D19S433	13	14.2	UBIC	,	
PENTAD	9	15			-51
D1S1656	16	17.3			- IBIO

4. Conclusion: The STR results of <u>A-375</u> cells are consistent with the genotypes of <u>A-375</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-1619</u>, and the STR results <u>completely matched</u>. In the test, <u>No 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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