(1) UBIGER

(1) UBIGENE **STR Authentication Report For Cell Line**

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1. Cell Name: Pfeiffer

- 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								
.0	STR profile for Sample cell Cell name: STR24112704			STR profile for Cell Bank cell				
STR Loci				Cell name: Pfeiffer				
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	10	13	JUBIC	10	13			
D13S317	11	12		11	12			
D7S820	8	12		8	12	1 BIGE		
D16S539	12	12		12	12			
VWA	17	18		17	18			
TH01	G 9	9.3		9	9.3			
AMEL	Х	Υ		Х	Υ			
TPOX	9	9	. C	9	9			
CSF1PO	10	11	JUBIC	10	11			
D12S391	20	21				مرح ا		
FGA	22	23				IBIGH		
D2S1338	19	19			(9)			
D21S11	28	32.2						
D18S51	13	14						
D8S1179	12	14						

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D3S1358	13	18			
D6S1043	11	19			
PENTAE	14	17	. C	ENE	
D19S433	14	14	UBIC		
PENTAD	12	13			-51
D1S1656	12	12			* IBIO

4. Conclusion: The STR results of <u>Pfeiffer</u> cells are consistent with the genotypes of <u>Pfeiffer</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-2632</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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