(1) UBIGER

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

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1. Cell Name: LAPC-4

- 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 resu	ılts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell Cell name: STR24112708			STR profile for Cell Bank cell Cell name: LAPC-4			
	D5S818	11	13	NIBIC	11	13	
D13S317	10	11	12.0	9	10	11.0	
D7S820	10.3	11		10	10.3	11.0	
D16S539	9	9		9	9		
VWA	16	16		16	16		
TH01	6	9.3		6	9.3		
AMEL	Х	Υ		Х	Υ		
TPOX	8	8		8	8		
CSF1PO	12	12	UBIC	12	13		
D12S391	20	21				aE'	
FGA	20	21	22.0			NIBION	
D2S1338	17	18	19.0				
D21S11	28	28					
D18S51	21	21					
D8S1179	13	13					

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D3S1358	15	17			
D6S1043	12	12			
PENTAE	12	13	. C	ENE	
D19S433	13	15	16.0		
PENTAD	10	10			-E1
D1S1656	12	14	15.0		* IBIO

4. Conclusion: The STR results of <u>LAPC-4</u> cells are consistent with the genotypes of <u>LAPC-4</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CRL-9068</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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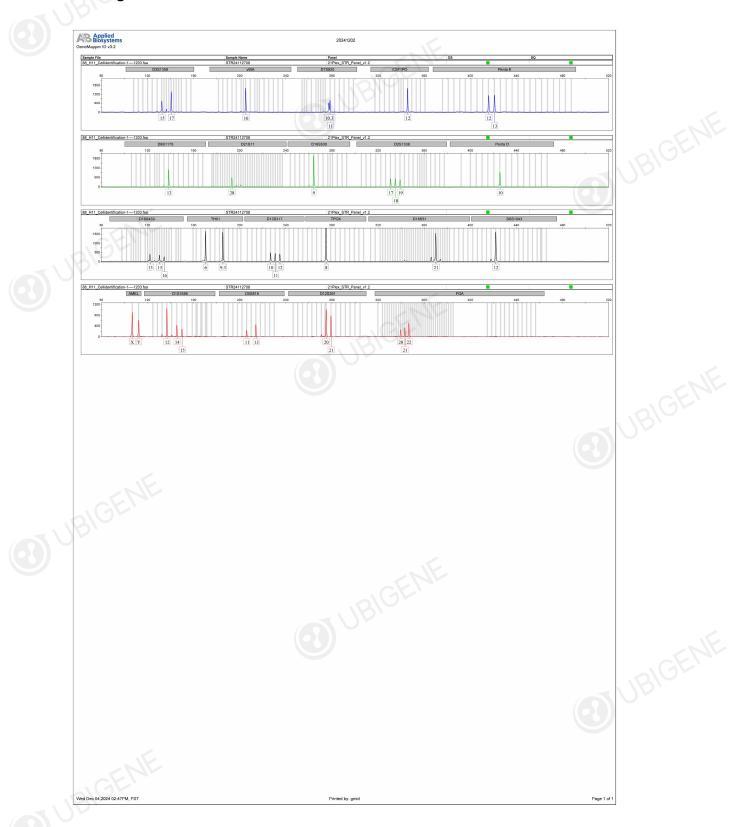
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5. Attached Image



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