(1) UBIGER

STR Authentication Report For Cell Line

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1. Cell Name: SW 48

- 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								
.0	STR profile for Sample cell Cell name: SW48			STR profile for Cell Bank cell Cell name: SW48 [SW-48]				
STR Loci								
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3		
D5S818	10	14	- VIBIC	10	14			
D13S317	11	12		11	12			
D7S820	9	10		9	10	· IBIGE		
D16S539	11	13		11	13			
VWA	18	20		18	20	21.0		
TH01	6	9.3		6	9.3			
AMEL	Х	Х		Х	Х			
TPOX	8	8	. C	8	8			
CSF1PO	9	10	NBIG	9	10			
D12S391	20	20				~ C		
FGA	20	20				· IBIO		
D2S1338	19	26	27.0		(8)			
D21S11	28	31						
D18S51	13	13						
D8S1179	13	14	15.0					

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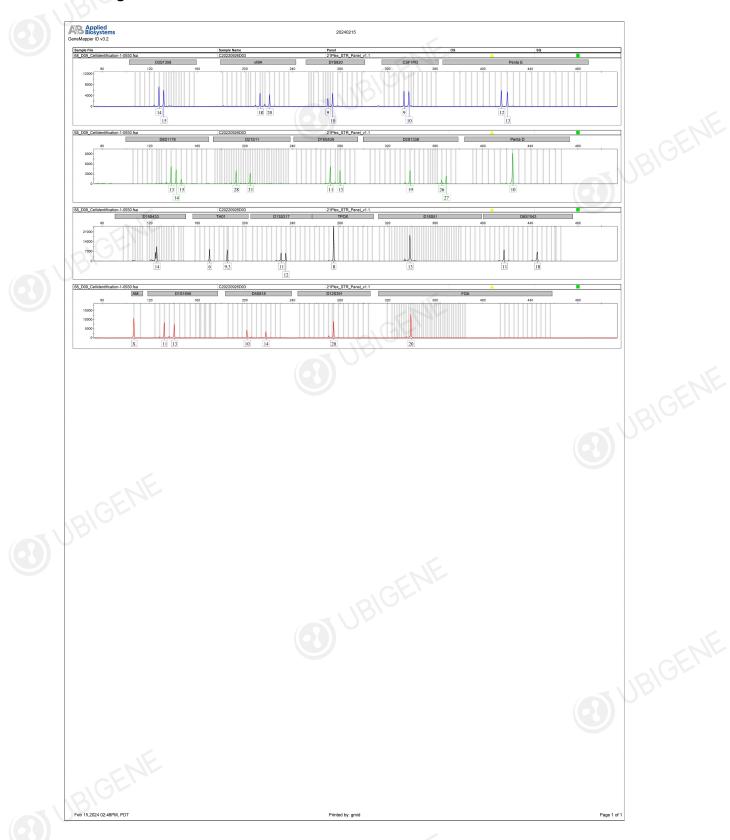
D3S1358	14	15			
D6S1043	11	18			
PENTAE	12	13	. C	ENE	
D19S433	14	14	UBIC		
PENTAD	10	10			-E1
D1S1656	11	13			NIBIO

4. Conclusion: The STR results of <u>SW 48</u> cells are consistent with the genotypes of <u>SW 48</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CCL-231</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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