STR Authentication Report For Cell Line

(B) UBIGENE

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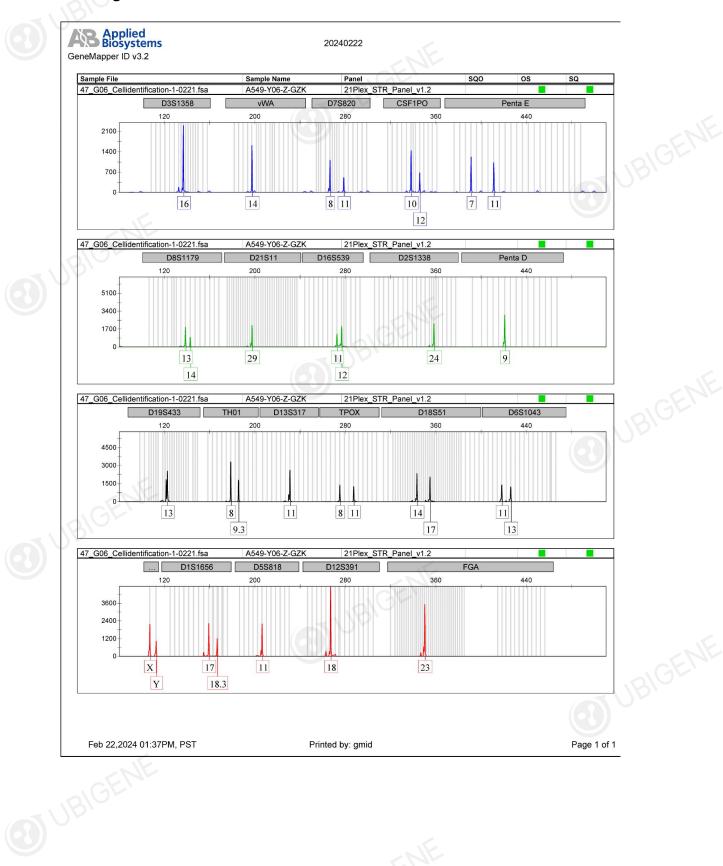
1. Cell Name: A549

- 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 resu	Its of STR and	Amelogenin l	oci in cells	
STR Loci	STR profile for Sample cell Cell name: A549			STR profile for Cell Bank cell Cell name: A-549		
	D5S818	11	11	- IBIC	11	11
D13S317	11	11		11	11	
D7S820	8	11		8	11	, 181G
D16S539	11	12		11	12	
VWA	14	14		14	14	
TH01	G 8	9.3		8	9.3	
AMEL	Х	Υ		Х	Υ	
ТРОХ	8	11		8	11	
CSF1PO	10	12	TIBIC	10	12	

4. Conclusion: The STR results of A549 cells are consistent with the genotypes of A549 cell lines in **DSMZ** database, the cell ID corresponded to **ACC-107**, and the STR results completely matched. In the test, No multi allele was found in this cell line.

5. Attached Image



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