## STR Authentication Report For Cell Line

(B) UBIGENE

EU Toll free: 800 3272 9252

1. Cell Name: MKN-74

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.

		XL Genetic A analysis resu					
	Genotype	analysis resu	lts of STR and	Amelogenin l	oci in cells		
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell			
	Cell name: STR25031420			Cell name: MKN74			
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3	
D5S818	11	11	- IBIC	11	11		
D13S317	11	11		11	11		
D7S820	9	9		9	9	, IBIGE	
D16S539	9	11		9	11		
VWA	16	20		16	20		
TH01	6	6		6	6		
AMEL	Х	Х		Х	Х		
TPOX	8	11		8	11		
CSF1PO	12	12	JUBIC	12	12		
D12S391	18	21				-51	
FGA	23	23				- IBIGE	
D2S1338	18	23			(3)		
D21S11	32.2	33.2					
D18S51	12	12					
D8S1179	11	16					
D3S1358	16	16		CNE			
D6S1043	13	13	-11810				



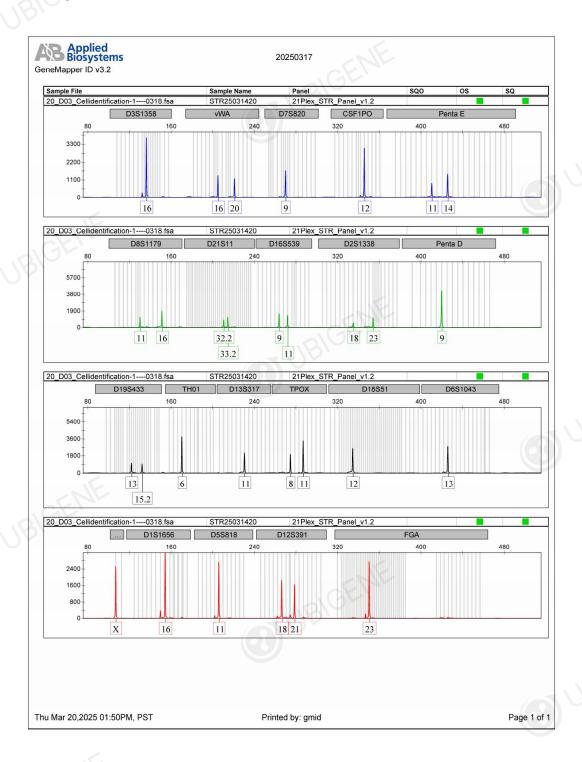
PENTAE	GE 11	14			(8)	
D19S433	13	15.2				
PENTAD	9	9		ENE		
D1S1656	16	16	BIC			

4. Conclusion: The STR results of <u>MKN-74</u> cells are consistent with the genotypes of <u>MKN-74</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>JCRB0255</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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