Online Inquiry

STR Authentication Report For Cell Line

Tel: +86 153 6067 3248(Int'l)
US Toll free: 855 777 3210
EU Toll free: 800 3272 9252
Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com
Web: www.ubigene.us
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1. Cell Name: Y79

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					
	STR profile for Sample cell			STR profile for Cell Bank cell		
STR Loci	Cell name: Y79-Y01-K			Cell name: Y79		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	12		11	12	
D13S317	11	12		11	12	
D7S820	8	9		8	9	
D16S539	13	13		13	14	
VWA	15	18		15	18	
TH01	6	6		6	6	
AMEL	X	X		X	X	
TPOX	8	8		8	8	
CSF1PO	11	12		11	12	
D12S391	21	24				
FGA	20	22				
D2S1338	20	20				
D21S11	30	31	32.0			
D18S51	13	16				
D8S1179	13	16				

D3S1358	15	16				
D6S1043	12	18				
PENTAE	13	18				
D19S433	13	13				
PENTAD	12	12				
D1S1656	12	12				

4. Conclusion: The STR results of **Y79** cells are consistent with the genotypes of **Y79** cell lines in **EXPASY** database, the cell ID corresponded to **CVCL_1893** , and the STR results **basically matched**. In the test, **Multi allele was found** in this cell line.

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5. Attached Image

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