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: TE-1

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 Loci	STR profile for Sample cell			STR profile for Cell Bank cell		
	Cell name: STR25012003			Cell name: TE-1		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	11		11	11	
D13S317	10	10		10	10	
D7S820	10	11		10	11	
D16S539	12	12		12	12	
VWA	17	18		17	18	
TH01	7	7		7	7	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	10	12		10	12	
D12S391	20	24				
FGA	24	24				
D2S1338	19	20				
D21S11	28	28				
D18S51	17	17				
D8S1179	11	13				

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D3S1358	16	16				
D6S1043	11	12				
PENTAE	12	18				
D19S433	14	15.2				
PENTAD	10	10				
D1S1656	11	15				

4. Conclusion: The STR results of **TE-1** cells are consistent with the genotypes of **TE-1** cell lines in **DSMZ** database, the cell ID corresponded to **RCB1894** , 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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