(1) UBIGER

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



1. Cell Name: HEK293

- 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:

. Sample ge	ene genotype	analysis resu	ılt:				
	Genotype	analysis resu	Its of STR and	Amelogenin l	oci in cells)	
STR Loci	STR profile for Sample cell Cell name: HEK293-Y03-Z			STR profile for Cell Bank cell Cell name: HEK-293.2sus			
	D5S818	8	8	JUBIC	8	8	
D13S317	12	14		12	14		
D7S820	11	12		11	12	- IBIGE	
D16S539	9	13		9	13		
VWA	16	19		16	19		
TH01	G 7	9.3		7	9.3		
AMEL	Х	Х		Х	Х		
TPOX	11	11		11	11		
CSF1PO	12	12	UBIC	12	12		
D12S391	19	21					
FGA	23	23				* I IBIO	
D2S1338	19	19					
D21S11	28	30.2					
D18S51	17	18					
D8S1179	12	14					

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

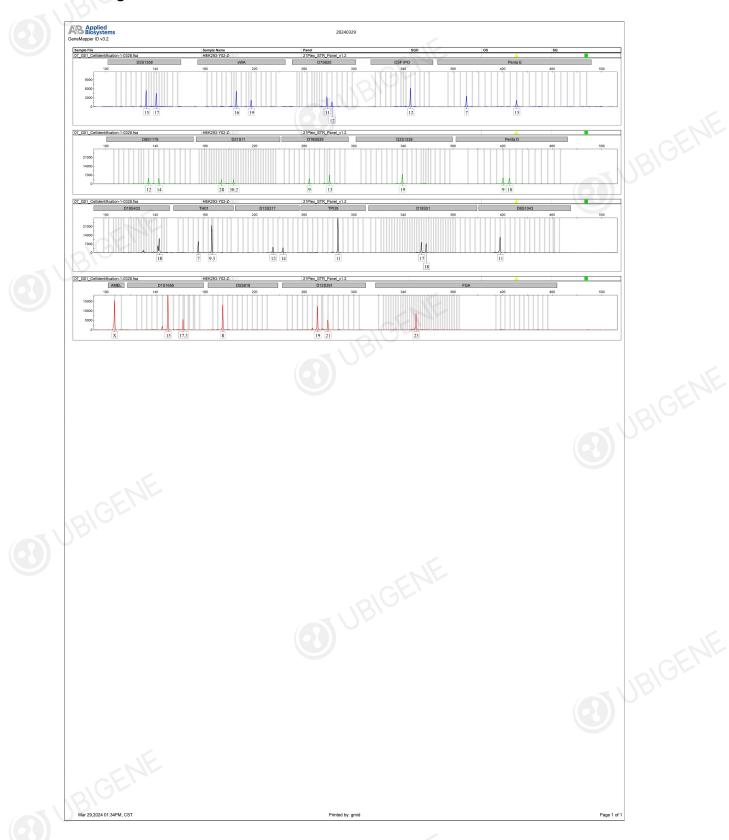
D3S1358	15	17			
D6S1043	11	11			
PENTAE	7	15	. C	ENE	
D19S433	18	18	UBIC		
PENTAD	9	10			-E1
D1S1656	15	17.3			* I IBIO

4. Conclusion: The STR results of <u>HEK293</u> cells are consistent with the genotypes of <u>HEK293</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>CRL-1573.3</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this 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

5. Attached Image



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

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

Online Inquiry

3 UBIGENE