(1) UBIGER

## (1) UBIGENE **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

Online Inquiry

1. Cell Name: MHCC97-H

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. JUBIGEN

3. Sample gene genotype analysis result:

	Genotype	analysis resu	ults of STR and	Amelogenin l	oci in cells	
STR Loci	STR profile for Sample cell  Cell name: MHCC97-H			STR profile for Cell Bank cell		
				Cell name: MHCC97-H		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	13	JUBIC	12	13	
D13S317	8	8		8	11.3	
D7S820	10	10		10	10	- IBIGE
D16S539	12	12		12	12	
VWA	14	14		14	14	
TH01	9	9		9	9	
AMEL	Х	Υ		Х	Υ	
TPOX	8	8	.0	8	8	
CSF1PO	11	13	Angle	11	13	
D12S391	18	18				~E\
FGA	21	24				* IJBIOL
D2S1338	20	20			0	
D21S11	31.2	31.2				
D18S51	13	22				
D8S1179	12	13				

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

D3S1358	15	16			
D6S1043	12	20			
PENTAE	11	17	. C	ENE	
D19S433	13	14	UBIC		
PENTAD	8	9			-E1
D1S1656	11	16			* I IBIO

4. Conclusion: The STR results of <u>MHCC97-H</u> cells are consistent with the genotypes of <u>MHCC97-H</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>CVCL\_4972</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele was found</u> in this cell line.

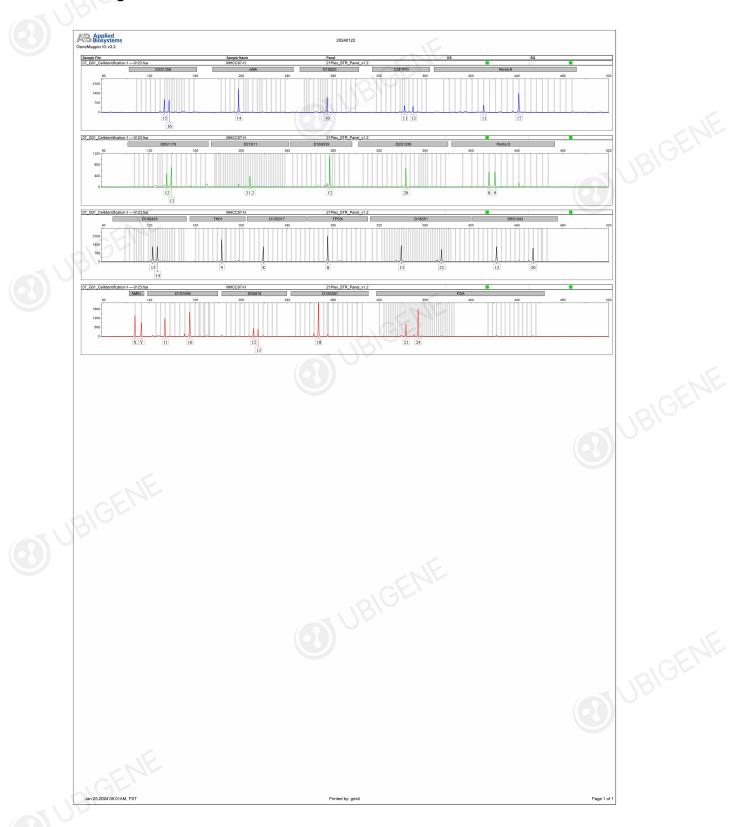
Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com
Web: www.ubigene.us

Online Inquiry

## 5. Attached Image



Tel: +86 153 6067 3248(Int'I) 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