(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: Capan-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. JUBIGEN
- 3. Sample gene genotype analysis result:

| Genotype analysis results of STR and Amelogenin loci in cells | | | | | | | | |
|---|--|---------|---------|--|---------|---------|--|--|
| .0 | STR profile for Sample cell Cell name: STR24091209 | | | STR profile for Cell Bank cell Cell name: CAPAN-1 | | | | |
| STR Loci | | | | | | | | |
| | Allele1 | Allele2 | Allele3 | Allele1 | Allele2 | Allele3 | | |
| D5S818 | 11 | 11 | JUBIC | 11 | 11 | | | |
| D13S317 | 9 | 9 | | 9 | 9 | | | |
| D7S820 | 10 | 11 | | 10 | 11 | IBIGE | | |
| D16S539 | 13 | 14 | | 13 | 14 | | | |
| VWA | 16 | 16 | | 16 | 16 | | | |
| TH01 | 6 | 6 | | 6 | 6 | | | |
| AMEL | Х | Х | | Х | Х | | | |
| TPOX | 8 | 11 | . C | 8 | 11 | | | |
| CSF1PO | 11 | 11 | UBIC | 11 | 11 | | | |
| D12S391 | 23 | 23 | | | | ~ C | | |
| FGA | 24 | 24 | | | | 11BIO | | |
| D2S1338 | 24 | 24 | | | (1) | | | |
| D21S11 | 28 | 30 | | | | | | |
| D18S51 | 12 | 12 | | | | | | |
| D8S1179 | 14 | 16 | | | | | | |

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 | 15 | | | |
|---------|----|----|------|-----|----------|
| D6S1043 | 21 | 21 | | | |
| PENTAE | 10 | 12 | | ENE | |
| D19S433 | 14 | 15 | UBIC | , | |
| PENTAD | 9 | 13 | | | ~E\ |
| D1S1656 | 11 | 16 | | | * I IBIO |

4. Conclusion: The STR results of <u>Capan-1</u> cells are consistent with the genotypes of <u>Capan-1</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-244</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

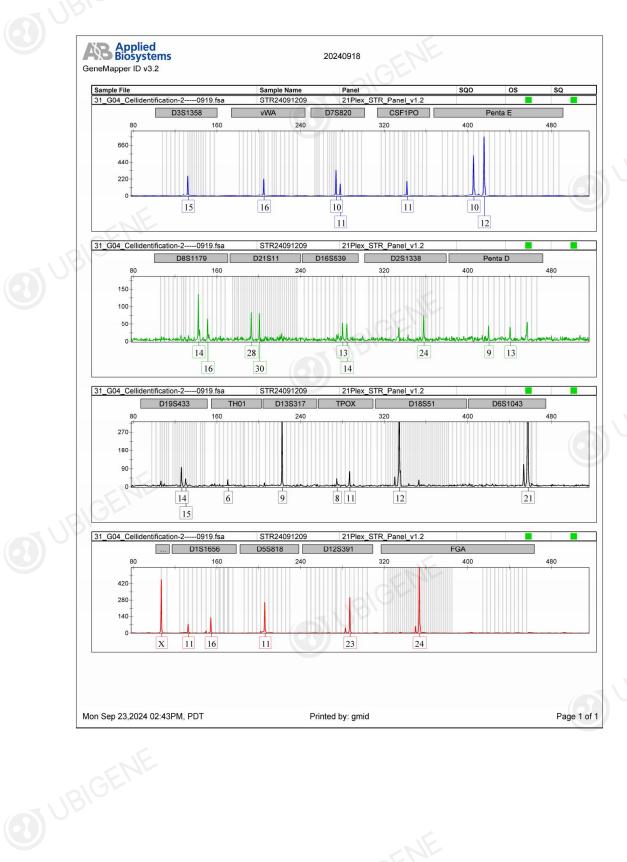
Korea Toll free: 001 800 3272 9252

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

Online Inquiry



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

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

Online Inquiry