(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: SK-N-BE(2)

- 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:

|          | Genetyne   | analysis resu | lts of STD and | Amelogenia                     | oci in cells | )       |  |
|----------|--|---------------|----------------|--------------------------------|--------------|---------|--|
|          | Genotype analysis results of STR and                 |               |                |                                |              |         |  |
| STR Loci | STR profile for Sample cell                          |               |                | STR profile for Cell Bank cell |              |         |  |
|          | Cell name: SK-N-BE(2)-Y01-K  Allele1 Allele2 Allele3 |               |                | Cell name: SK-N-BE(2)          |              |         |  |
|          | Allele1  | Allelez       | Allele3        | Allele1                        | Allele2      | Allele3 |  |
| D5S818   | 12   | 12            | M A A BI       | 12                             | 12           |         |  |
| D13S317  | 11   | 11            |                | 11                             | 11           |         |  |
| D7S820   | 9  | 10            |                | 9                              | 10           | I IBIG  |  |
| D16S539  | 9  | 11            |                | 9                              | 11           |         |  |
| VWA      | 18   | 18            |                | 18                             | 18           |         |  |
| TH01     | 6  | 7             |                | 6                              | 7            |         |  |
| AMEL     | Х  | Υ             |                | Х                              | Υ            |         |  |
| TPOX     | 8  | 11            | . (            | 8                              | 11           |         |  |
| CSF1PO   | 10   | 10            | UBI            | 10                             | 10           |         |  |
| D12S391  | 18   | 24            |                |                                |              |         |  |
| FGA      | 22   | 25            |                |                                |              | NBIO    |  |
| D2S1338  | 17   | 17            |                |                                | 0            |         |  |
| D21S11   | 30   | 30            |                |                                |              |         |  |
| D18S51   | 16   | 16            |                |                                |              |         |  |
| D8S1179  | 13   | 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 Email: info@ubigene.com Web: www.ubigene.us Online Inquiry

| D3S1358 | 19 | 19   |      |     |        |
|---------|----|------|------|-----|--------|
| D6S1043 | 11 | 19   |      |     |        |
| PENTAE  | 14 | 18   | . C  | ENE |        |
| D19S433 | 12 | 13   | UBIC |     |        |
| PENTAD  | 13 | 13   |      |     | 727    |
| D1S1656 | 11 | 17.3 |      |     | * IBIO |

4. Conclusion: The STR results of <u>SK-N-BE(2)</u> cells are consistent with the genotypes of <u>SK-N-BE(2)</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-CRL-2271</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