

Cell Line Authentication Services

Check Your Cell Line!



Cell Line Authentication – Offers According To Your Needs.

Human cell line authentication

- **STR profiling using the Promega PowerPlex® 21**
Differentiation using 21 STR markers*:
D3S1358, D5S818, D7S820, D8S1179, D13S317, D16S539, D18S51, D21S11, CSF1PO, FGA, TH01, TPOX, vWA, Penta D, Penta E, D1S1656, D2S1338, D6S1043, D12S391 and D19S433 plus Amelogenin sex determination from DNA samples.
- **Comparison of the cell line profile to database entries**
- **Official certificate accepted by peer reviewed journals**

Results of STR profiles (as PDF file) and comparison of the cell line profile to database entries will be sent via email within 5 days. Certificates (accepted by peer-reviewed journals) will be sent via email or hardcopy.

The complete service

- **DNA extraction from cell pellets**
- **CHO cross contamination testing**
- **Cell banking on request**
- **SNP genotyping / copy number variation / genetic instability monitoring**
- **STR profiling of mouse and CHO cell lines**
- **STR profiling of other non-human cell lines (rat, non-human primates, etc.) on request**

* The 21 tested DNA markers (loci) include the eight required by the ANSI/ATCC standard ASN-0002.

Cell Line Authentication – Sample Submission.

Use our service

Please send your samples as:


- **Genomic DNA (gDNA)**
 - Volume >8 µL; Amount >100 ng
 - Shipped at ambient temperature
 - DNA suspended in a standard TE buffer or similar
- **Cell pellets (dried or frozen)**
 - More than 10.000 cells (visible cell pellet!)
 - Cell culture medium completely removed and cell pellets washed with TE buffer (10mM Tris, pH 8.0, 1mM EDTA)
 - Shipped cooled (no dry ice!)

Please use our order form for human cell line authentication services: eurofinsgenomics.eu/cell-line

Send the completed order form containing the sample names electronically to: celllinetesting-eu@eurofins.com

Send the completed order form also printed and signed together with your samples to:

**Eurofins Genomics
Forensic Department
Anzinger Str. 7a
85560 Ebersberg, Germany**



Longtime Proven Quality & Expertise – Profit From It!

Proven quality

We stand for a fast, cost-effective and reliable cell line authenticity service:

- ISO 17025:2005 accredited test method (D-PL-18779-01-00)
- ISO 9001:2008 certified quality management
- Compliant and above to international standards (ANSI / ATCC ASN-0002-2011 and NIST)
- Long-term experience in profile evaluation

We can guarantee you the best results based on our experience as the **largest commercial provider for human DNA profiling in DNA forensics.**

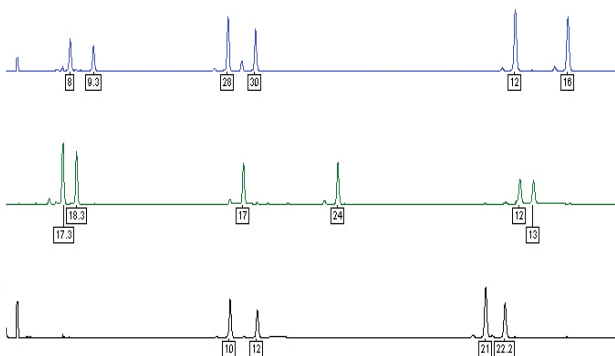


Use Authentic Cell Lines – The Basis Of Your Research.

Benefit from our cell line authentication service

We can help you achieve an easy workflow with your cell line:

- Save time with our fast and reliable service for cell line authenticity.
- Publish your results in journals (e.g. Nature, AACR Journals, Cell Biochemistry and Biophysics etc.) with certified cell lines.
- Prevent either misidentified or cross-contaminated cell lines.
- Check with us if unwanted microorganisms are present in your cell line.



Feel Free To Contact Us.

The Eurofins Group: Global analytical services from over 23,000 employees

With 225 sites in 39 countries, Eurofins Scientific is the world leader in bioanalytical services. The Group offers its clients unique analytical solutions and the most comprehensive range of testing methods in the field of biotechnology and analytical chemistry.

Easy access to our services

Our mission is to deliver top class products together with professional, fast and competent customer support whenever you need it.

Contact our experts in Europe at:
cellinetesting-eu@eurofins.com

To contact **Eurofins Genomics' headquarters in USA, Japan, India** or to locate a **distributor** in your area, please have a look on our website:

eurofinsgenomics.eu/cell-line

