

CLA Service



Sample Submission Guidelines

Your Cell Line Authentication Service

Cell Line Authentication Service for human cell lines is performed using Applied Biosystems™ AmpFLSTR™ Identifiler™ Plus PCR Amplification Kit with 16 markers (CSF1PO, D2S1338, D3S1358, D5S818, D7S820, D8S1179, D13S317, D16S539, D18S51, D19S433, D21S11, FGA, TH01, TPOX, vWA, and the gender marker Amelogenin) for high-resolution discrimination and includes all relevant markers of ANSI/ATCC ASN-0002-2011. Authentication of human cell lines: Standardization of STR profiling.

Add-ons

- » DNA Extraction from cell pellets
- » Comparison of the DNA profile (database entries e.g. at DSMZ, ATCC, etc.*) plus official certificate (accepted by peer-reviewed journals)
- » Chromatogram of the DNA profile as PDF

* Is the reference genetic fingerprint of your cell line just available in a special database or in a publication, please provide us with this information directly at the ordering step.



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QUESTIONS?

Email: support-eu@genomics.eurofinseu.com | Toll free phone number for Europe: 00800-200 100 20



Your Mission Instructions

1.



2.



3.



4.



1. DEFINE SAMPLES

Login to your Eurofins Genomics account. Choose "Cell Line Authentication" in the order menu.

Define your samples on the order page and allocate the barcodes to your reactions.

2. LABEL TUBES

Affix the barcode in front of the tube and keep the other part for your lab record.

Please use Safe-lock tubes!

3. SUBMIT SAMPLES

For Dropbox shipments, please remember to use our Dropbox stickers (provided free of charge).

4. DOWNLOAD RESULTS

You will receive an email once your data is ready to download from your Eurofins Genomics account.

Your Cell Line Authentication Service

SAMPLE REQUIREMENTS

Cell Pellets (preferred)

2 mL reaction tube (no falcon tubes) with >10.000 cells (visible cell pellet!); Cell culture medium completely removed; cell pellets washed with TE buffer or PBS; shipped at ambient temperature or cooled (no need for dry ice).

Genomic DNA

2 mL reaction tube; volume >20 µL; amount >10 ng/µL, shipped at ambient temperature.

If >20 samples per batch are shipped, please sort the 2 mL tubes in a box.

Where to ship the samples

BY POST:

Eurofins Genomics FEB
Anzinger Strasse 7a
85560 Ebersberg – Germany

BY DROPBOX:

There are many Sanger Sequencing DropBoxes installed throughout Europe for free sample shipment.

