



Department of Molecular Medicine

www.identicell.eu

Cell Line Authentication Service

Do you really know your cells?

Cross-contamination and misidentification of mammalian cell cultures is widespread - an estimated 15–20% of the cells used in medical research are affected.

The resulting problems:

- ⇒ wasted time and money
- ⇒ inconsistent or non-reproducible findings
- ⇒ questionable quality and retraction of publications
- ⇒ a potential for health consequences

Several high-impact journals now require information on the authentication of any cell line used in a study prior to reviewing a submitted paper. Also, studies proposed for grant applications will need to prove the identity of their cell lines in the near future.

IdentiCell Test – DNA fingerprint

The identity of a cell line can be determined by STR profiling: analysing a number of highly polymorphic Short Tandem Repeat loci (STR) - dispersed throughout the genome.

We detect nine STR loci and amelogenin for gender identification: including D21S11, TH01, TPOX, vWA, amelogenin, CSF1PO, D16S539, D7S820, D13S317 and D5S818.

Hereby, as little as 1% cross-contamination is detected.

Fast test results in only 10 business days!

Inexpensive at only 138€ per cell line*!

*10% discount when submitting > 8 samples. Prices are subject to changes without notice.

When to test

- ✓ When a new cell line is established or acquired in the laboratory
- ✓ As a standard quality control measure (when beginning a new series of experiments)
- ✓ Before publication
- ✓ When cell line performance is inconsistent or results are unexpected
- ✓ To establish a genetic profile for a new or unique cell line.



For information and ordering visit us at www.identicell.eu