

Are You Sure?

Do you really know the cells you're working with?

FACTS:

- Examination of the various current scientific studies have shown that between 18 and 36% of cell lines were incorrectly designated.¹
- The NCI-60 Panel, a group of 60 cancer cell lines used for basic research and drug discovery, contains at least 4 cell lines that are misidentified or mischaracterized.²
- The Journal of the National Cancer Institute (JNCI) is planning to begin asking authors to confirm that they have authenticated their lines.²
- The Society for In Vitro Biology, The European Tissue Culture Society, and The American Society for Cell Biology have endorsed imposing rules requiring proof of cell line identity along with manuscripts and grants.²



You can authenticate your human cell lines with

Beckman Coulter's Human STR Primer Set or user defined primer set(s) and analyze it on the GenomeLab™ GeXP Genetic Analysis System.

"Cross-contamination is a silent danger that still occurs due to the general lack of understanding to the magnitude of this problem among the scientific community. The German Cell Bank (DSMZ) is a leader in fighting against incorrect and misidentified cell lines using Beckman Coulter's CE technology since the year 2000 using STR profile analysis."

Dr. Wilhem Dirks
German Biological Resource Centre
Human and Animal Cell Lines



Authenticate your cell lines ... Have confidence in your data

For more information on how Beckman Coulter can help provide you and your Institution with the technology to routinely authenticate your cell lines, please visit

www.beckmancoulter.com/str

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