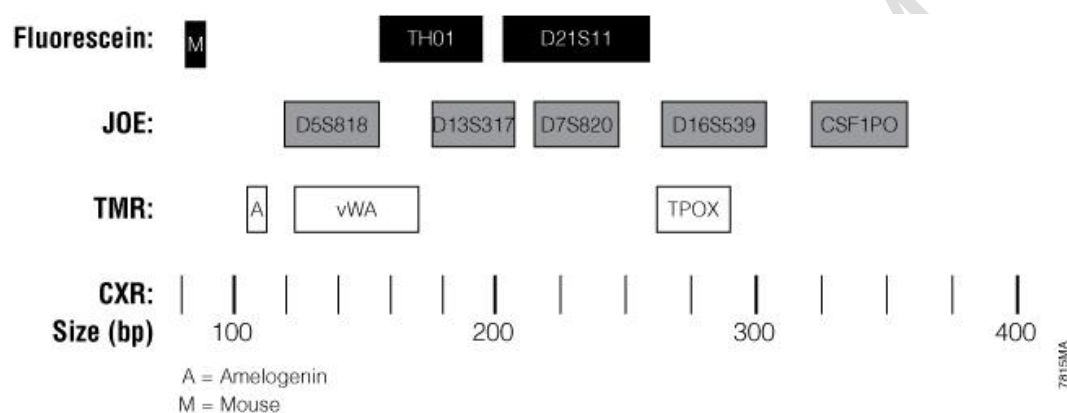


HUMAN CELL LINES AUTHENTICATION

The GenePrint® 10 System allows co-amplification and three-color detection of ten human loci (TH01, TPOX, vWA, Amelogenin, CSF1PO, D16S539, D7S820, D13S317, D5S818 and D21S11) for human cell line authentication. These loci collectively provide a genetic profile with a random match probability of 1 in 2.92×10^9 and exceed standard ASN-0002 issued by the American Tissue Culture Collection Standards Development Organization Workgroup for cell line authentication. GenePrint® 10 amplified products are run in our Applied Biosystems 3130xl Genetic Analyzer and analyzed with Gene Mapper® software. Profiles obtained are checked against public data bases like ATCC or DSMZ.

For mouse cross contamination detection please contact us.



Sample requirements:

Please provide 3-5 10^6 suspension cells or adherent cells from a confluent P60 in 200 μ l of PBS in 2.0 ml tubes.

After DNA purification with the Qiacube extractor and DNA quantification with Qubit® fluorometer, the microsatellites will be PCR amplified and analyzed.

Order number for IIBm users is compulsory. Order number can be purchased through the Lab Store Department web page (look for Genomics Services). For further information please contact: genomica@iib.uam.es

After your samples have been processed you will receive an Excel document with the different microsatellite polymorphic data and data bases information along with profiles pdfs.