

Required Information
Excerpt from Proposed Federal Register Notice

Submission Process: Submitters should contact Margaret Kline with a list of proposed cell lines for identification. Each submitter may submit up to 15 cell lines. NIST will perform STR profiling of up to 1500 cell lines submitted with complete information on a first-come, first-serve basis. As part of the submission, the following information, using standard nomenclature, should be included for each cell line or DNA extract, as applicable. Please do not include any personally identifiable information regarding the source of the cell lines.

Submitter

Name:

Title:

Department:

Institution:

Institution Address:

Phone number:

Fax number:

Email:

Originator

Name:

Title:

Department:

Institution:

Institution Address:

Phone number:

Fax number:

Email:

Generic Information:

Cell Line Name =

Organism =

Tissue of Origin =

Morphology =

Pathologic or Disease-State =

Hybrid or Mixed Culture =

Specialized Information

Feeder Cells (species):

Passage Number:

Population Doubling Level (PDL):

Complete Growth Media:

Date of Origin/Date Established:

Reference:

If DNA extracts are submitted the following information is required:

Source of DNA:

Cell line or derivatives

Fresh biopsy/tissue

Frozen biopsy/tissue

OCT-treated tissue

FFPE-treated tissue

DNA Isolation Method:

Organic (phenol/chloroform)

Salting-out

Other (Cellmark kit)

Method of DNA Quantitation:

PicoGreen

Spectrophotometer (Nanodrop, etc.)

PCR

Syber Green

Other (qRT-PCR)

Amount of DNA Used for Analysis:

Other Characterization and Authentication Methods: (example: cytogenetic analysis i.e. G-banding or SKY; Microarray analysis; SNP; isoenzymology)

Other Characterization and Authentication Methods: provide reference and data

Are the cell lines genetically engineered? If yes, explain how.