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Differential In-Gel Electrophoresis

National Cancer Institute

Source

National Cancer Institute. *Differential In-Gel Electrophoresis*. NCI Thesaurus. Code C70654.

A form of gel electrophoresis where up to three different protein samples can be labeled with fluorescent dyes prior to two-dimensional electrophoresis in the same gel. After the gel electrophoresis, the gel is scanned with the excitation wavelength of each dye and the images are superimposed, allowing detection of changes in protein abundance between samples.