Memo: Cost Estimate for DFACE

April, 2011

Below is a cost estimate for the initial experiment for DFACE (DNA Foot Print Analysis by Automated Capillary Electrophoresis) for Ohio public institutions, and the federal government:

1) $70.00 Fragment Analysis Run, (1-48 samples)
2) $30.00 Optimization run, (1-48 samples)
3) $9.60 Size standards, (48 capillaries or samples at $0.20 each)
4) $48.00 DNA sequencing reactions, (1 for each of 2 primers and a control at $16.00 each)
5) $120.00 Labor and Analysis, (4 hours at $30.00 each)

$277.60 Total

For Academic and Non-profit institutions add 10%, and for private companies add 20% to the cost estimate above. All of the items are required except #2 which may not be needed depending the peak intensity of the DNA digestion fragments.

For some clients the entire process may need to be repeated, but for most clients only some portion of the above steps/costs need to be repeated. For example, it is important to minimize the height differences between the sequencing peaks and the digested DNA fragment peaks so another optimization run may need to be done to achieve this. Also, this DNA sequencing approach is not as robust or efficient as the standard nucleotide-labeled approach done for most templates, so the sequencing reactions may need to be redone as well. We make every effort to minimize costs while balancing the quality of the results, and consult you before proceeding to the next step. It usually takes about 5 - 10 business days to generate the first results after the samples are received.

Please see the following website for a complete list of services and charges:
http://www.biosci.ohio-state.edu/~pmgf/fees_promoter_characterization.html.

Please contact the Facility if you have any additional questions or concerns.

Best Regards,

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