

GE HEALTHCARE – Advanced Systems

Cell Factory – Quote Request Form

Service type: Assay Design

Customer details:

a) **Name:** [Click here and start typing text]

b) **Company:** [Click here and start typing text]

c) **Contact information:**

Telephone: [Click here and start typing text]

Cell Phone: [Click here and start typing text]

email: [Click here and start typing text]

Fax: [Click here and start typing text]

Recommendations and requirements:

1. Information relating to the assay target, potential readout, platform and desired format will be accrued and information formulated to provide recommendations for assay format.
2. The customer should be willing to share all relevant information regarding the potential assay target and share relevant experimental details with GEH.
3. Assessment of assay feasibility based on reagent availability will be made.
4. Preferred assay format recommendations will be (1) Protein translocation – live or fixed cell (2) Gene reporter – live or fixed cell (3) Immunocytochemistry – fixed cell (4) SPA imaging (5) ELISA.
5. Format for recombinant protein expression can be stable integration or transient expression
6. Preferred plate format is 96 or 384 well.
7. Assays will be developed on: INCell Analyzer 1000, LEADseeker imaging platform, plate reader or FACS



Assay Design Details:

a) Is the assay target known? Y N

b) Is the assay directed against a pathway or a specific protein target? [Click here and start typing text]

c) Do you require recommendations? Y N

d) Do you have any information about the pathway or the target protein? Y N

e) Are you aware of any license issues or IP associated with assay target? Y N.

If yes, please specify [Click here and start typing text]

f) Have you attempted to previously develop an assay for this pathway/target? Y N.

If yes, please provide details separately?

g) Do you have a supply of components related to the target pathway or protein (e.g. cDNAs, response elements, antibodies etc.)? [Click here and start typing text]

h) Do you have a preference for assay platform (e.g. automated microscope system, plate reader, imaging platform or FACS)? [Click here and start typing text]

i) Do you have a preference for assay format (e.g. reporter gene, protein translocation or fixed ICC)? [Click here and start typing text]

j) Do you require recommendations? Y N

k) Do you have a preference for the cell line in which to run the assay? Y N.

If yes, please specify [Click here and start typing text]

l) Do you require recommendations? Y N

m) Do you have a preference for stable or transient format? Y N

n) Do you require recommendations? Y N

o) Would you like the quotation to include a proposed assay format based on literature and database reviews and assessment of feasibility of generating necessary assay components? Y N

p) Would you like the quotation to include production of reagents for our assay design and for the assessment of feasibility and preliminary assay validation? Y N



	DESCRIPTION	COMMENTS	Y/N
ASSAY FEASIBILITY			
1	Literature and database reviews	The feasibility of generating an assay to the proposed target will be made based on customer knowledge, literature and database reviews and expertise within GEHC	[Y/N]
2	Proposals based on available technology	Proposals for assay design will include format, suitable platform and cell type.	[Y/N]
3	Presentation of options – pros and cons.	Information relating to proposed assay design will be presented. Different options will be explored with proposed formats (e.g. protein translocation or reporter gene assay) and options for assay format (e.g. automated microscope or plate reader). Pros and cons on predictive outcomes of assay developments will be made along with recommendations. Quotations for different proposals will be explored.	[Y/N]
	GO/NO GO DECISION POINT	The aim at this stage is to have reviewed literature etc. and assessed feasibility of generating assay. Various options, predicted outcomes and recommendations will be made.	
4	Procurement of reagents	Reagents for the proposed assay format will be sourced. This may be from customer, commercial sources or generated in-house.	[Y/N]
5	Initial assay validation.	Minimal validation of the assembled assay components will be made. This may include of a predicted biological response and assessment of a potential assay window for an assay developed in this format .	[Y/N]
	GO/NO GO DECISION POINT	At this stage recommendations as to whether the format could be progressed for full assay optimisation will be made.	
ADDITIONAL REQUIREMENTS			
A			
B			

