

Scope of Services

The Invitrogen business of Life Technologies Corporation (“Invitrogen”) will profile a specified number of antibody(ies) of interest in an *in vitro* Antibody Specificity Profiling (ASP) assay using ProtoArray® microarrays that contain more than 9,000 human proteins as outlined below on behalf of the “Client”.

This Statement of Work specifies Invitrogen’s ProtoArray® ASP service for this project.

Service includes:

1. Characterization of protein interactions on ProtoArray® Human Protein Microarrays v5.0 (containing more than 9,000 unique proteins spotted in duplicate) in an *in vitro* antibody specificity profiling assay.
2. Controls and samples are as listed below. This service includes four (4) ProtoArray® microarrays in total.
3. Probing of ProtoArrays® v5.0 at two (2) antibody concentrations (0.1 ng/μl and 1.0 ng/μl, unless specified otherwise by Client), in singlicate, using a total of two (2) microarrays, and detection of interactions using appropriate detection reagent.
4. Probing of one (1) ProtoArray® v5.0 with detection reagent only as a negative control.
5. Probing of one (1) ProtoArray® v5.0 using anti-CAMK2A or anti-PKCη and detection reagent as a positive control.

Notes:

- a. When multiple antibodies are profiled simultaneously, only one positive and negative control will be performed.
- b. Invitrogen does not guarantee that any interactions of the antibody of interest will be observed on the array or that observed interactions are specific to the antibody of interest.

Timeline: 4 weeks upon initiation of service project

Client Provides:

1. Antibody
 - a. The quantity required depends upon the ultimate application of the antibody. Our Project Management Team will be happy to discuss the optimal design of the experiment with you. Antibodies may be shipped as lyophilized powder and reconstituted at the desired concentration at Invitrogen, or may be shipped as liquid on blue ice or shipped frozen on dry ice. Repeated free-thaw cycles should be avoided in order to ensure optimal performance of antibodies.
2. Technical Information:
 - a. Exact concentration and buffer composition.
 - b. Host species in which antibody was raised.
 - c. Antibody isotype
3. Project Initiation Sheet
4. Signed Quotation and related Purchase Order.

Invitrogen delivers:

1. Comprehensive project report that includes all data of interacting proteins, and results of the positive and negative controls for the ProtoArray® Antibody Specificity Profiling Assay.
2. Image files and raw data.

Ordering information:

Service Description	Catalog Number
ProtoArray [®] Antibody Specificity Profiling Service	Custom Quote

Timeline:

Upon receipt of all of the following: (i) this Quotation signed by Client; (ii) the Purchase Order related to this Quotation; and (iii) the Client Materials, Invitrogen will place the project in the current queue for execution. The Client will be informed of the predicted start date. Once the project is initiated, Invitrogen will use commercially reasonable efforts to supply the Deliverables to Client within the specified timelines. The turnaround time may be extended for submissions of ≥ 10 antibodies.

Project management (PM):

Our project management team will be overseeing the work on this project and will keep you apprised of the status.

Terms and conditions:

Invitrogen's Terms and Conditions for Provision of Services govern the service work provided hereunder and are available upon request. Furthermore, this service may be covered by one or more Limited Use Label Licenses (See Technical Support section of Invitrogen.com for specific Limited Use Label Licenses). By use of this service, you accept the terms and conditions of all applicable Limited Use Label Licenses. This service is performed for research use only.

PM Contact Information:
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