Customized Services

Outsourcing services for immunity, cell culture, and gene engineering research!

- For Research Use Only -

We provide customized services in response to customer needs, drawing upon on our extensive experience and wealth of expertise in the immunity, cell culture, and gene engineering fields. Depending on the nature of the request, we sometimes conclude confidentiality agreements prior to starting the provision of services. All the steps of the antibody production process, from immunization to purification, are conducted internally in Japan. We make it our mission to meet the individual needs of each customer.

1. Development of Polyclonal Antibodies

We provide services for the development of various types of monoclonal antibodies, including purified proteins, synthesized peptides, pharmaceutical analogs, low molecular weight compounds, Host Cell Protein (HCP), and idiotype antibodies.
Note* Maximum number of animals (excluding goats) is three. Please contact us if you require more than three animals for immunization.

Immunized Animal	Volume	Price	Required Period
Rabbit	1	On Request	4 months
Goat	1	On Request	4 months
Rat	1	On Request	3 months
Guinea Pig	1	On Request	3 months
Mouse	1	On Request	3 months

Note* We can also handle low endotoxins for in vivo or in vitro testing.

2. Synthesizing Peptides

We provide services for synthesizing peptides used as immunogen, such as consultation on selecting an amino-acid sequence. We can develop high titer antibodies at reasonable cost because we manage the entire development process, from the synthesis of peptides to the fabrication of antibodies.

3. Binding Carrier Proteins

We bind carrier proteins to synthesized peptides used for immunogen, under the appropriate binding conditions, for the purpose of developing antibodies.

Details	Price
Per Immunogen	On Request

4. Development of Monoclonal Antibodies

We apply our expertise in immunity and cell cultures for developing monoclonal antibodies, including the immunization of mice and rabbits, cell fusion, and second cloning. We select reliable clones based on immunization, screenings, and in-depth communication with clients.

Details	Price
Development of Monoclonal Antibodies per Immunogen	On Request

5. Collecting Mice Ascites

We collect mice ascites after we receive hybridoma (cell line) from clients. We have the ability to meet customer needs by applying our accumulated expertise and experience to collect mice ascites from hybridoma that normally considered difficult to work with. We can look after 10 to 1,000 mice.

Details	Price
Per BALB/C Mouse	On Request
Per Nude Mouse	On Request
Per SCID Mouse	On Request

Note* We can also handle low endotoxins for in vivo or in vitro testing.

Immuno-Biological Laboratories Co., Ltd. Email: do-ibl@ibl-japan.co.jp URL: www.ibl-japan.co.jp

6. Purifying Antibodies

We provide services for purifying antibodies, such as affinity chromatography from various antiserums, ascites, fusion cell culture supernatants, and gel filtration. We can handle bulk purifying antibodies in quantities of more than 1,000 mg.

Details	Price
IgG Purification (Protein A or Protein G)	On Request
From IgG (up to 50 mg) to F(ab')2 Purification (Pepsin Decomposition / Gel Filtration)	On Request
From IgG F(ab')2(up to 20 mg) to Fab' Purification (Reduction / Gel Filtration)	On Request
From IgG (up to 20 mg) to Fab' Purification (Papain Decomposition, FC Removal / Gel Filtration)	On Request

Note* We can also handle low endotoxins for in vivo or in vitro testing.

7. Development of ELISA Systems

We develop ELISA systems by utilizing our know-how in commercializing IBL ELISA kits, managing the entire process from antibody development to the establishment of the ELISA system. We can also establish ELISA systems using antibodies held by customers.

We plan and propose the appropriate assay design, such as the sandwich method or competition method, to fit the intended purpose. We work hard to establish ELISA system that offer outstanding performance, such as making it easy to draw the appropriate standard curve and obtain excellent recovery measurement values.

8. Immunohistochemical Staining (IHC)

We provide immunohistochemical staining (IHC) services for research purposes. We conduct HE staining and IHC on the behalf of customers, and can also develop and stain cell block arrays. Please contact us for further details.

9. Development of Labelled Antibodies

We provide services for the development of labelled antibodies. We can label compounds (such as Biotin and FITC) to proteins and antibodies. The binding method and binding ratio are always discussed prior to the provision of service.
We can also perform labeling after Fab' fraction or F(ab')2. Please contact us for further details.

10. Development of Bio Columns (Antibodies, Various Proteins, etc.)

We provide services for developing bio columns that bind antibodies or proteins for the purposes of extracting or purifying bio materials.

11. Gene Engineering

We provide gene engineering services. Note* We can also handle low endotoxins for in vivo or in vitro testing.

12. Cell Culturing

We provide services for culturing bulk quantities of various types of cell lines. We always discuss the culturing method, collection method, and supernatant concentration with the customer prior to the provision of service. Note* we can also handle low endotoxins for in vivo or in vitro experiments. Please contact us for further details.

13. Supplying and Maintaining Cells for Experiments

We provide services for maintaining customer cells (such as cancer cells, normal cells, and gene introduced cells) and supplying cells. We can accommodate requests for quantities as small as five T-25 flasks.

14. Frozen Cell Storage Service

We provide services for freezing and storing cells from customers. The cells are stored frozen in liquid nitrogen (gas phase) under strict control.

Distributor