

# Production of Hybridoma Lines & Custom Monoclonal Antibodies

Development of hybridoma cell lines includes three phases. Viro Dynamics will consult with customers at each phase. In order to minimize the expenses for our customers, a project can be stopped at any Phase on consultation with [Viro Dynamics Corp](#)

## Phase A. Immunization and Bleeding of Eight Mice

Mice and serum screening by ELISA . . . . . \$1,500

Eight mice (BALB/cAnNHsd) are immunized with antigen provided by customer according to our Standard Protocol for Immunization of Mice for Preparation of Hybridoma lines. Serum is screened for titer by ELISA. This phase takes four to six weeks.

## Phase B. Fusion and Screening of Hybridoma Supernatant

Price is for both Phase A and B . . . . . \$5,000

Upon successful completion of Phase A, selected mice will be euthanized and the spleens harvested. A fusion procedure will be performed and the cells will be distributed into six or eight multiwell plates (96 well) per spleen. Screening will be performed by ELISA using previously supplied antigen. If after the first fusion attempt, no acceptable development is observed, additional attempts will be made using remaining mice from Phase A at no additional charge. This phase takes six to eight weeks.

## Phase C. Cloning of Parental Hybridomas

Price is for Phase A, Phase B, and Phase C . . . . . \$7,500

One to five of the parental hybridomas from Phase B will be selected, cloned, and screened by ELISA. Clones with the desired titer and specificity will be expanded and cryopreserved. At least five clones will be provided and delivered to the customer and/or we can start In Vitro Monoclonal Antibody Production. This phase takes four to six weeks.

Before starting Phase A, down-payment of \$3,750 is required.

The customer may stop the project after Phase A or Phase B for any reason. \$2,250 will be refunded if project is terminated after Phase A. \$1,250 will be invoiced if the project is terminated after Phase B.

## TERMS AND CONDITIONS

1. The prices and information contained is based on the development of hybridomas to a single antigen that will be supplied by the PI.
2. If necessary, additional proprietary and confidentiality statements will be supplied to you upon signing.
3. A pre-payment of **\$3750.00** (50% of the completion costs through Phase C, \$7,500 total) is requested along with a valid purchase order. The purchase order must be authorized with appropriate funds to complete the project including shipping costs and is required prior to production.
4. All shipping costs will F.O.B. our facilities via FEDEX priority overnight service.

**Project / Antigen Name:** \_\_\_\_\_

Contact person(s) \_\_\_\_\_ or \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Accepted by : \_\_\_\_\_ - (*please print*)

Title : \_\_\_\_\_

Signature : \_\_\_\_\_

Date : \_\_\_\_\_

Purchase Order # \_\_\_\_\_

Billing address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Shipping address: \_\_\_\_\_

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## **WARRANTY FOR HYBRIDOMA DEVELOPMENT SERVICES**

Viro Dynamics Corp. (VDC) agrees to do their best to develop (1-5) hybridoma lines with two (2) clones provided for each hybridoma line that is developed in order to produce monoclonal antibodies against

the antigen named: \_\_\_\_\_

provided by \_\_\_\_\_.

Certain antigen forms may present unique problems that may affect the process by which the clones are ultimately developed. Thus, VDC cannot hereby insure or warrant the development of clones which are monospecific (as contamination of the antigen may produce nonspecific antibodies). VDC will warrant that the clones shall be pure clones from a single hybridoma line and that the antibodies which they produce will be reactive by conventional ELISA testing to the above mentioned antigen. I the PI also agree to provide VDC with an antigen preparation of the highest possibility purity and in sufficient quantities to successfully carry out the development of the hybridoma lines.

### **PROPRIETARY CONCERNS**

Viro Dynamics Corp. (VDC) will hold any and all information pertaining to and supplied by the PI and the company or institution represented by the PI in the strictest of confidence and only shall be used for the benefit of the PI. Likewise, the PI shall keep all proprietary information and agreements with VDC in the strictest confidence.

I have read and understand the above warranty and proprietary concerns.

Signature: \_\_\_\_\_ - Principal Investigator