

Polyclonal Antibody Production Service in Mice

Custom made polyclonal antibody in mice

Description: In this service, the required immunogen should be supplied by the scientist in a pure and concentrated form. The immunogen could be a pure protein, fusion protein, bacterial / viral antigen or conjugated peptide. 3-5 mg of pure protein or 10 mg of peptide may be sent in lyophilized or in frozen form. Immunization and bleeding schedule will depend on the antigen supplied and will be sent to the scientist for their reference on receiving the immunogen with the confirmed order.

To obtain 1 ml of polyclonal antiserum, 5 Balb/c mice will be immunized with one primary immunization and at least 3 boosters with the immunogen provided. This is followed by a test bleed and monitoring the antibody response in serum by an antibody capture ELISA with the antigen provided by the customer. The regime will continue until a sufficient antiserum titre is achieved (OD of 1.0 at 1:1000 dilution of antiserum or up to 16 weeks). The duration of the service is about 12-16 weeks.

Deliverables:

1. 1 ml of immunized mouse serum & 0.5 ml of non-immunized mouse serum
2. Service Report

Delivery time:

Cat # 106023: Approximately 16 weeks.

Note: Please Contact
geneiservice@sanmargroup.com

Note: Kindly fill in the technical data sheet and send along with the antigen.

Ordering Information:

Catalogue Number	Product	Pack Size
Polyclonal Antibody Production Service		
106023	Custom Polyclonal Antibody Production Service in five Mice	1 ml
106013	Preparation of Hapten/Peptide Immunogen	10 mg

Preparation of hapten/peptide immunogen

Small molecules, such as peptides and haptens that are not immunogenic need to be coupled to carrier proteins like BSA or KLH to make it immunogenic. We need about 15 to 20 mg of peptide for coupling to either of the carrier protein. For haptens, please enquire before placing the order.