

## Polyclonal Antibody Production Service in Rabbit (90 days)

### Custom made polyclonal antibody in rabbit

In this service the required immunogen should be supplied by the scientist in a ready to inject format. Typically this may be a conjugated peptide, fusion protein, whole protein, or a bacterial cell lysate. We will do the immunization and bleeding as per the schedule mentioned.

About 1 - 2 mg of the immunogen may be sent lyophilized or in frozen form.

We have documented greater than 90% success rate using the protocol. If the antibody is developed in more number of rabbits, the scientist will have an option to compare and select best available antibody. A copy of the immunization and bleeding schedule will be sent to the scientist for their reference on receiving the immunogen with confirmed order. To consider any changes in the protocol, the request should be made with the order. At the end of the service the scientist will get about 25 ml of antiserum from two bulk bleeds.

### Immunization Protocol

Day 0	Pre Bleed and Immunization
Day 28	Booster 1
Day 45	Booster 2
Day 52	Test Bleed 1
Day 55	Bulk Bleed 1
Day 65	Bulk Bleed 2
Day 80	Decide about the continuation or completion of the immunization programme.

The antibody titration will be done by direct ELISA using antigen coated wells or antigen spotted nitrocellulose membrane.

### Deliverables:

- 2 ml of preimmunised rabbit serum & 25 ml of immunized rabbit serum
- Service Report

### Delivery time:

**Cat # 106014:** Approximately 3 months.

**Note:** Please Contact  
geneiservice@sanmargroup.com

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

### 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.

### Continuation of immunization and bleeding in 1 rabbit for 2 months

If the scientist requires more amount of antibody from the already immunized rabbit boosting and bleeding may be continued in two monthly basis and additional 25 ml of antibody (immunized serum) may be provided. If required, the immunogen should be supplied by the scientist.

## Ordering Information:

Catalogue Number	Product	Pack Size
<b>Polyclonal Antibody Production Service</b>		
106013	Preparation of Hapten/Peptide Immunogen	10 mg
106014	Custom made Polyclonal Antibody in one rabbit (in three months)	25 ml
106012	Continuation of immunization in one rabbit for two months	25 ml