



## Rabbit Polyclonal Antibody Production

- SPECIES:** *Our rabbits (ZIKA) are well suited for the purpose of antibody production.*
- ADJUVANT:** *Freund's Complete Adjuvant (FCA) initially, followed by Freund's Incomplete Adjuvant (FIA) for all subsequent injections. If another type of adjuvant is preferred, please contact us and we will arrange custom solutions.*
- ANTIGEN:** *Typically proteins and conjugated peptides. The typical amount of antigen used for each immunization is 100µg. Depending on the antigen, higher amounts may be required to create a desirable response. However, in some cases 25-50 µg antigen/immunization is sufficient to produce a good antibody titer in serum. Boost-doses can be adjusted along the project's progress.*
- BLEEDS:** *The volume of each bleed results in 20 mL antiserum. The terminal bleed (production lot) yields 60 mL. Typically, we deliver 5 mL pre-immune serum, however if you require more we can offer volumes up to 20 mL.*
- SELECTION OF RABBITS:** *We offer the customer pre-immune serum samples from rabbits for analysis prior to immunization. That way you can select the rabbits best suited for your needs.*
- THE SCHEDULE:** *The standard schedule below can be adjusted to fit your project. Please ask for our high quality IgG purification and affinity purification services.*

### FREE CONSULTATION

We offer free consultation throughout the antibody production. As every project is unique, we work you through all the alternatives so that the production fits your needs in regards to choice of species, amount of antibody needed, immunization schedule, and amount of antigen/immunization.

### DOCUMENTATION

Project reports are generated continuously throughout the process of antiserum production (see in schedule on the right). In the documents we report, in detail, events carried out and scheduled events.

### THE STANDARD SCHEDULE

Week -1	Consultation (Receiving antigen)
Week 0	Pre-immune Bleed Immunize with antigen in FCA Project Report 1
Week 2	Immunize with antigen in FIA
Week 4	Immunize with antigen in FIA
Week 6	<b>1<sup>st</sup> Bleed</b> ELISA of antiserum from 1 <sup>st</sup> bleed Project Report 2 (Consultation)
Week 7	Immunize with antigen in FIA
Week 9	<b>2<sup>nd</sup> Bleed</b> Project Report 3 (Consultation)
Week 10	Immunize with antigen in FIA
Week 12	<b>3<sup>rd</sup> Bleed</b> Project Report 3 (Consultation) ...And so on...