

# Polyclonal Production Protocol

## Rabbit Peptide Schedule of Events, 84 Day

Day:	Procedure:
0	SPF Rabbit Pre-bleed (Avg. 5 ml serum) 1° SC: 500 micrograms with FCA
14	Boost SC: 500 micrograms with FIA
35	Boost SC: 250 micrograms with FIA
45	Test Bleed (Avg. 5 ml serum)
46-52	ELISA Titer Assay of Bleed *
49	Boost SC: 250 micrograms with FIA
59	Production Bleed (Avg. 20 ml serum)
70	Boost SC: 250 micrograms with FIA
80	Production Bleed (Avg. 20 ml serum)
81-87	ELISA Titer Assay of Bleed *
84	Terminal bleed (Avg. 50 ml serum)

**Total material required for injection for the above program is 1.75 mg/animal.**

**If we are conjugating peptide for you we assume a 20% loss of peptide during conjugation.**

**Total amount of serum expected from a rabbit on the above schedule of events is approximately 95 ml.**

### Please Note:

- Anti-peptide antibodies raised against linear peptides may not recognize the corresponding native or denatured full length or truncated protein.
- It is recommended that a minimum of two rabbits be used due to biological variations.
- Immunogen is emulsified in Freund's Complete Adjuvant (FCA) for initial injections. Freund's Incomplete Adjuvant (FIA) is used for all subsequent injections (boosts). Projects follow a three-week cycle of boosts. Test bleeds are taken approximately 10 days after the boosts.

**\*Optional ELISA:** We suggest testing the first bleed of the project to evaluate the effect of antigen on the animal.

Information gained from an ELISA at this point will provide an opportunity for you to make adjustments to your immunization schedule. Additional ELISA's performed later in the project will give you valuable information that can be used to determine which sera samples to include in your research or which bleeds you would like to have purified.