

Peptide Immunisation Service

Custom Polyclonal Antibody Service

Biosynth provides a simple and cost-effective procedure for producing a rapid polyclonal antibody using a synthetic peptide comprising:

- ✔ Synthesis of required peptide (up to 20 amino acids)
- ✔ Characterisation of peptide by Maldi-TOF
- ✔ Preparation of peptide-protein conjugate (KLH, BSA or OVA)
- ✔ Two rabbit immunisation programme
- ✔ Storage available



Antigenic Prediction Service:

Selection of immunogenic peptides from target protein sequence

- Option 1: without cross reactivity screening
- Option 2: with cross reactivity screening

Immunisation Schedule:

Week -2	Peptide and conjugate preparation
Week 0	Pre-immune bleed; Immunisation 1
Week 2	Immunisation 2
Week 3	Test bleed 1
Week 4	Immunisation 3
Week 5	Test bleed 2
Week 6	Immunisation 4
Week 7	Production bleed 3
Week 8	Immunisation 5
Week 9	Production bleed 4
Week 10	Immunisation 6
Week 11	Final harvest bleed

Additional Services:

- ELISA analysis of all bleeds
- Affinity or Protein A purification of production bleeds and final harvest bleed
- Additional rabbit(s)

Upon project completion, the following will be dispatched:

- 5mg of peptide
- The pre-immune bleeds
- The test bleeds
- The harvest bleeds

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