

Within 30 years Agrisera has produced thousands of custom polyclonal and monoclonal antibodies for academic research worldwide.

With own animal facilities and immunological services in-house, Agrisera offers antibody production for almost any research and scale needed.

CUSTOM POLYCLONAL ANTIBODY PRODUCTION IN HEN

Standard Immunization Program

- 11 weeks
- Two hens/antigen recommended due to individual immune response
- Egg collection (12 eggs) and ELISA after the third immunization
- IgY purification
- The program can be prolonged by mutual agreement and actual pricelist

WEEK	IMMUNIZATION	ACTIVITY	MATERIAL
0		Egg collection	Pre immune
1	I		
5	II		
9	III		
10		Egg collection	12 imm. eggs
11		ELISA + test	
11		IgY purification	2 pre + 4 imm eggs
12-24		Storage	8 imm. eggs

Additional Services

- Peptide design, synthesis and conjugation
- Recombinant protein expression, including custom DNA design and synthesis
- Screening of pre-immune sera to find best candidates and avoid crossreactions
- Affinity purification
- Antibody storage at Agrisera
- Secondary antibodies