

POLYCLONAL ANTIBODY PRODUCTION

IMVS 096/D PAGE 1/3

Prices

Current as at 1st July 2008

www.imvs.sa.gov.au/vet

Chicken Polyclonal Antibody Production

The following standard package for chicken polyclonal antibody production is designed to be suitable for a wide range of client supplied antigens. The protocol is flexible and may be altered to suit specific requirements within IMVS Animal Ethics Committee guidelines.

STANDARD PACKAGE

Chicken	\$580.00
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Price includes:

- Supply and housing of 1 chicken for up to 16 weeks
- Pre-immune serum (2-5mls) and 2 test bleeds (2-5mls serum)
- 4 immunisations including:
 - 1st dose (primary immunisation) emulsified in Freund's Complete Adjuvant and
 - 2nd, 3rd & 4th doses (boosts 1,2 & 3) emulsified in Freund's Incomplete Adjuvant
- Egg collection and sorting and refrigerated storage within the 16 week period.
- All blood is allowed to clot and processed to obtain serum

STANDARD IMMUNISATION SCHEDULE

Our standard immunisation schedule is intended as a guideline. If no alterations are requested, the following protocol will be used:

- The **pre bleed** is stored frozen (to be shipped on chill packs in week 8 with the first test bleed).
- **Immunisations** performed at 3 weekly intervals and given subcutaneously (in 4-6 sites) as an emulsion with Freund's Adjuvant.
- **Test bleeds** are performed approximately 10 days after the 3rd and 4th doses so that the client can obtain an indication of antibody response.
- The **test bleeds** are to be used by the client to determine the collection date of eggs that they require to be shipped or processed to recover antibody.
- Chickens are not bled out as part of the standard package but this may be requested as an optional extra (see page 2).
- **Invoices** will be issued on completion of entire project – please ensure the purchase order is flexible where additional procedures and charges are likely to be required.

See page 2 for options



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Polyclonal Antibody Production

IMVS 096/D PAGE 2/3

OPTIONS

The standard protocol is flexible and customer specific requirements can be accommodated provided they comply with Animal Ethics Committee guidelines.

- Commonly requested changes to the standard package include: variation of intervals between doses and/or test bleeds; additional doses or test bleeds, no adjuvant or alternative adjuvants.
- No extra charges will be incurred for alterations in the *timing* of procedures, provided they to not exceed the included 16 weeks.
- Where *additional* procedures are requested the prices are detailed below

OPTIONS

CHICKEN

Agistment beyond 16 weeks <i>per week</i> <i>Includes egg collection and storage</i>	\$25.00
Extra immunisations (<i>each</i>)	\$50.00
Extra bleeds (blood volume) $\leq 10ml$	\$50.00
Bleed out (usually 20- 30mls serum)	\$54.00

SINGLE EGG IgY FRACTIONATION (FOR COMPARISON WITH SERUM AND OTHER CHICKENS)

Protein extraction and ammonium sulphate fractionation

1 egg yolk (1 chicken) <i>includes analysis</i>	\$380.00
Each extra egg (up to 4 samples run simultaneously) <i>includes analysis</i>	\$115.00

IgY PURIFICATION

Crude protein extraction from a batch of egg yolks and IgY fractionation of 500mls of yolk protein extract (average > 70% pure IgY).

1 batch <i>Includes analysis</i>	\$1390.00
2 batches (processed at the same time) <i>Includes analysis</i>	\$2200.00

YOLK PROCESSING

Crude protein extraction from a batch of egg yolks. 400mls Yolk (approx 25 eggs) <i>Excludes Analysis</i>	\$300.00
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Polyclonal Antibody Production

IMVS 096/D PAGE 3/3

Transport and delivery

All freight and packing costs will be charged to the client.

ORDERING

When ordering a polyclonal antibody package please read the following forms:

Request Form: *Polyclonal Antibody Production Package*

Infodoc: *Antigen Supply and Shipment*

Related information

Prices: *Polyclonal Antibody production*

Prices: *Antibody Related Products*

CONTACT For further information e-mail

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GST All prices are in Australian Dollars, exclude GST.

Add 10% for GST inclusive price (Australian customers only).

DISCLAIMER While the IMVS has used all reasonable efforts in good faith to provide accurate and up-to-date information and accurately cost the Standard Package(s) for Polyclonal Antibody Production, the IMVS reserves the right to review its Standard Immunisation Schedule / Protocol and make adjustments to the prices without notice.

The IMVS, its affiliates, officers, directors, employees and agents:

1. make no representations or warranties of any kind, either express or implied, in respect of the Polyclonal Antibody Production Package(s) or antibodies to be supplied as to their availability, merchantability, quality, accuracy, completeness, fitness for a particular purpose, cost or otherwise for which they are being provided or that the use of the Polyclonal Antibody Production Package(s) or antibodies will not infringe or violate any patent or proprietary rights of third parties; and
2. shall not be liable for any errors or omissions, loss of profits, loss of business or other consequential, special, indirect or punitive damages resulting from the use of or reliance on the information contained in this Price List except to the extent such damage results directly from the IMVS's gross negligence or wilful misconduct.

The IMVS's liability arising from anything contained in this Price List is limited to an amount equal to the payment received from the Recipient for the supply of antibodies utilising the Polyclonal Antibody Production Package(s).

For any further information, please contact the IMVS.



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