

# POLYCLONAL ANTIBODY PRODUCTION

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# Prices

Current as at 1 July 2008

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## Polyclonal Antibody Production Package

The following standard package for 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

Rabbit	\$740.00
Sheep	\$750.00
Goat	\$760.00

#### Price includes:

- Supply and housing for one animal for up to 12 weeks
- Pre-immune serum (2-5mls) and 1 test bleed (2-5mls serum)
- 4 immunisations including:
  - 1<sup>st</sup> dose (primary immunisation) emulsified in Freund's Complete Adjuvant and
  - 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> doses (boosts 1, 2 & 3) emulsified in Freund's Incomplete Adjuvant
- Bleed out (exsanguination) when titre is optimal – usually determined by client:
  - Rabbits: 50-80mls serum; Goats: up to 1 Litre serum; Sheep up to 2 Litres serum
- 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:***

- A **pre-bleed** is taken and stored frozen (to be shipped on chill packs in week 8 with the test bleed).
- **Immunisations** are performed at 3 weekly intervals and are given subcutaneously (in 4-6 sites) as an emulsion with Freund's Adjuvant.
- A **test bleed** is performed approximately 10 days after the 3<sup>rd</sup> dose (week 8) so that the client can obtain an indication of antibody response.
- The **4<sup>th</sup> dose** is performed to ensure that the titre is maintained, or further improved, while waiting for the client to assess the antibody titre of the test bleed.
- The **bleed-out** will be scheduled for 10-14 days after the 4<sup>th</sup> dose, but will not be performed until confirmed by the client, ideally with an indication of the titre.
- **Invoices** will be issued on completion of the 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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## 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; more test bleeds and/or larger volume test bleeds; no adjuvant or alternative adjuvants.
- No extra charges will be incurred for alterations in the *timing* of procedures, provided they do not exceed the included 12 weeks.
- Where *additional* procedures are requested the prices are detailed below

## RABBIT

Agistment beyond 12 weeks <i>per week</i>	\$20.00
Extra immunisations ( <i>each</i> )	\$50.00
Extra bleeds (blood volume) $\leq 10ml$	\$50.00
$>10ml$	\$60.00

## SHEEP / GOAT

Agistment beyond 12 weeks <i>per week</i>	\$20.00
Extra immunisations ( <i>each</i> )	\$50.00
Extra bleeds (blood volume) - $\leq 10ml$	\$50.00
- pack bleed (450mls)	\$125.00

## SERUM TREATMENT

A range of serum treatments is available on request eg filtration, addition of preservative	POA According to quantity of serum and combination of treatments required
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## IgG PURIFICATION (non-specific)

Protein A (rabbit) or Protein G (sheep/goat) purification of IgG from serum	POA According to quantity required
Ammonium sulphate fractionation	

## Other antibody packages available

Chicken	See separate price list
Rat, Mouse, Guinea Pig	POA According to number of animals/ antigens required



# Polyclonal Antibody Production

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## 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: *Chicken Polyclonal Antibody Production*

Prices: *Antibody Related Products*

## CONTACT

For further information **e-mail**

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or

*vet.antibodies@imvs.sa.gov.au*

Polyclonal Antibody Production

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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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