



# GroPep Bioreagents

## Salmon/Trout Growth Hormone antiserum (Rabbit)

### Description

Salmon/Trout Growth Hormone antiserum was prepared by immunising rabbits with Chinook salmon (*Oncorhynchus tshawytscha*) growth hormone (GH). The antiserum is specific for GH from species of salmonid but carp GH, tilapia GH and catfish GH showed no significant cross-reactivity. The antiserum does not detect prolactin, somatolactin, gonadotrophin, TSH or any other pituitary hormones from fish or other species. The antiserum was designed for use in immunoassay but can be used for immunoblotting.

**Reference:** Le Bail PY *et al* (1991) General and Comparative Endocrinology **83**, 75-85

**Immunogen:** Chinook Salmon Growth Hormone

**Source:** Rabbit antiserum

**Specificity:** Cross-reacts 100% with salmonid GH.  
< 0.1% cross reactivity to carp GH, tilapia GH, catfish GH, human GH, bovine GH, duck GH.  
No cross reactivity to prolactin, somatolactin, gonadotrophin or TSH from fish

**Appearance:** Lyophilized powder

**Storage/Stability:** At least 2 years at 2 - 4°C (lyophilized).  
After reconstitution store at -20°C or -80°C  
Avoid freeze-thaw cycles

**Reconstitution:** Dissolve the vial contents in 500µl sterile water and stand for 10 minutes at room temperature. Dilute further in a buffer suitable for the application.

**Application and Titre:** Each application and titre should be determined in house but as a guideline:  
Radioimmunoassay 1:100,000 – 1:200,000  
Western immunoblotting 1:1,000

### Product Codes and Pricing

**Salmon/Trout Growth Hormone antiserum**                      **5 µl**                      **PAN1**

### Related Products:

**\*\*NOT FOR USE IN HUMANS\*\***

GroPep Bioreagents Pty Ltd  
51 West Thebarton Road  
Thebarton SA 5031  
Australia

ABN 93 147 032 166

Telephone: +61 8 7222 1051

**Postal Address:**  
PO Box 10065  
Adelaide Business Centre  
SA 5000  
Australia

**Email:**  
[info@gropep.com](mailto:info@gropep.com)

**Internet:**  
[www.gropep.com](http://www.gropep.com)