

## Datasheet: 4660-1100G

<b>Description:</b>	GOAT ANTI HUMAN GLUCAGON
<b>Specificity:</b>	GLUCAGON
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/200 - 1/20000
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 5.0 mg/ml
<b>Immunogen</b>	Synthetic peptide corresponding to amino acids 8-18 of human glucagon.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P01275</a> <a href="#">Related reagents</a>

**Entrez Gene:**[2641](#) GCG [Related reagents](#)

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**Specificity** **Goat anti Human glucagon antibody** detects glucagon, a pancreatic hormone whose actions are antagonistic to insulin, functioning to increase blood glucose through stimulation of glycogenolysis and gluconeogenesis in the liver. Glucagon is a ligand for the glucagon receptor, a G-protein linked receptor whose signalling pathway controls cell proliferation.

Glucagon is secreted from A-cells within the Islets of Langerhans in the pancreas.

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**Further Reading** 1. Woods, S.C. *et al.* (2006) Pancreatic signals controlling food intake; insulin, glucagon and amylin. [Philos Trans R Soc Lond B Biol Sci. 361 \(1471\): 1219-35.](#)

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**Storage** Store at +4°C or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life** 18 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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