

# IHCeasy<sup>®</sup> Glucagon Ready-To-Use IHC Kit

Catalog Number: **KHC0005**

## General Information

Sample type:  
FFPE tissue  
Cited sample type:  
Reactivity:  
Human, Mouse  
Cited Reactivity:

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Mouse Monoclonal  
Secondary antibody type:  
Polymer-HRP-Goat anti-Mouse

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

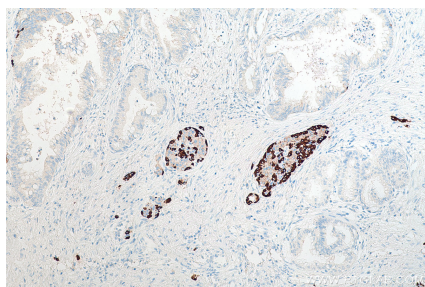
## Background

Glucagon is a 29-amino acid peptide hormone secreted from the pancreatic alpha cells with a powerful stimulatory effect on hepatic glucose production acting to increase plasma glucose levels. Glucagon is best known as the counter-regulatory hormone to insulin, and normal glucose homeostasis depends largely on the balanced secretion of insulin and glucagon from the pancreatic beta and alpha cells, respectively. The regulation of glucose metabolism by glucagon is mediated by its direct action on the peripheral tissues such as the liver and also by the brain. Glucagon is also released postprandially in a transient manner, which was shown to be involved in inhibition of food intake via reduction of meal size.

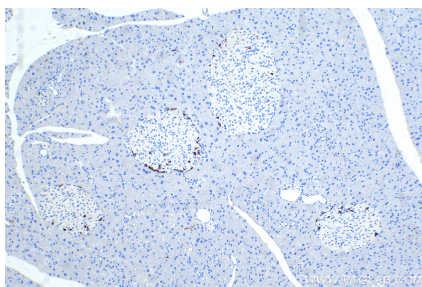
## Synonyms

GCG, GLP 2, GLP1, GLP2, glucagon, GRPP, GRPP Oxyntomodulin, OXM

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC0005 (Glucagon IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using KHC0005 (Glucagon IHC Kit).