

RAT GIP (TOTAL) ELISA KIT

Catalog number

Rat GIP (Total) ELISA Kit.....81516

Intended use

A high quality enzyme immunoassay for the quantification of rat total GIP in plasma and culture media.

Test principle

Crystal Chem's Rat GIP (Total) ELISA kit is an ELISA sandwich assay. It utilizes a specific antibody immobilized onto the microplate wells and an antibody labeled with HRP enzyme to achieve an specific assay to GIP.

Specifications

Sample Types	Plasma and Culture Media
Assay Time	3.5 hours
Range	3.1 -200 pM
Sample Size	50 µL
Sensitivity	3.1 pM
Precision	CV < 10%

Specificity

Rat GIP	100%
GLP-1 (7-37)	< 0.1%
GLP-1 (7-36) NH ₂	< 0.1%
GLP-1 (9-36) NH ₂	< 0.1%
Glucagon.....	< 0.1%
Rat GLP-2.....	< 0.1%

Highlights

- ✓ Kits use only 50 µL sample
- ✓ Very sensitive (3.1 pM)
- ✓ Highly specific to rat GIP
- ✓ No (<0.1%) cross-reactivity to GLP-1 or GLP-2

Summary of protocol

