

CATALOG# 81510

RAT GIP (ACTIVE) ELISA KIT

Catalog number

Rat GIP (Active) ELISA Kit.....81510

Intended use

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

Test principle

Crystal Chem's Rat GIP (Active) 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 active GIP.

Specifications

Sample Types	Plasma and Culture Media
Assay Time	3.5 hours
Range	0.78 - 50 pM
Sample Size	50 µL
Sensitivity	0.78 pM
Precision	CV < 10%

Specificity

Rat Active GIP (1-42).....	100%
Rat Inactive GIP (3-42)	< 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 (1.56 pM)
- ✓ Highly specific to rat active GIP (1-42)
- ✓ No (<0.1%) cross-reactivity to inactive GIP (3-42)

Summary of protocol

