

CATALOG# 81509

# GIP (ACTIVE) ELISA KIT

## Catalog number

GIP (Active) ELISA Kit.....81509

## Intended use

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

## Test principle

Crystal Chem's 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 a specific assay to active GIP.

## Specifications

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

## Specificity

Active GIP (1-42).....	100%
Inactive GIP (3-42) .....	< 0.1%
GLP-1 (7-36) NH <sub>2</sub> .....	< 0.1%
GLP-1 (9-36) NH <sub>2</sub> .....	< 0.1%
Glucagon.....	< 0.1%
GLP-2.....	< 0.1%

## Highlights

- ✓ Kits use only 50 µL sample
- ✓ Very sensitive (1.56 pM)
- ✓ Highly specific to active GIP (1-42)
- ✓ No (<0.1%) cross-reactivity to inactive GIP (3-42)

## Summary of protocol

