

CATALOG# 81515

# GIP (TOTAL) ELISA KIT

## Catalog number

GIP (Total) ELISA Kit.....81515

## Intended use

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

## Test principle

Crystal Chem's 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

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

## Specificity

|                                    |        |
|------------------------------------|--------|
| GIP .....                          | 100%   |
| GLP-1 (7-37) .....                 | < 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 (3.1 pM)
- ✓ Highly specific to GIP
- ✓ No (<0.1%) cross-reactivity to GLP-1 or GLP-2

## Summary of protocol

