

CATALOG# 81507

# RAT GLP-1 ELISA KIT

## Catalog number

Rat GLP-1 ELISA Kit.....81507

## Intended use

A high quality enzyme immunoassay for the quantification of rat GLP-1 in plasma and culture media.

## Test principle

Crystal Chem's Rat GLP-1 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 GLP-1.

## Specifications

<b>Sample Types</b>	Plasma and Culture Media
<b>Assay Time</b>	Overnight
<b>Range</b>	1.24 - 300 pM
<b>Sample Size</b>	25 µL
<b>Sensitivity</b>	1.24 pM
<b>Precision</b>	CV < 10%

## Specificity

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

## Highlights

- ✓ Kits use only 25 µL sample
- ✓ Very sensitive (1.24 pM)
- ✓ 100% cross-reactivity to GLP-1 (1-36) amide, GLP-1 (9-36) amide, GLP-1 (1-36)amide
- ✓ Wide dynamic range

## Summary of protocol

