

CATALOG# 81507

RAT GLP-1 ELISA KIT

Catalog number

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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

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

Specificity

GLP (7-36) NH ₂	100%
GLP (9-36) NH ₂	100%
GLP (1-36) NH ₂	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 (7-36) amide, GLP-1 (9-36) amide, GLP-1 (1-36)amide
- ✓ Wide dynamic range

Summary of protocol

