

**HOT
PRODUCT**

YK090 Glucagon EIA kit

For the determination of rat, mouse or human in plasma

⌘ Introduction

Nishino, Shima and Yanaihara et.al succeeded in producing pancreatic glucagon specific antibody using synthetic peptide with the C-terminal fragment (19 – 29) of glucagon as immunogen in 1981. This EIA kit has been developed by using polyclonal antibody against glucagon (19 – 29), synthetic pancreatic glucagon as glucagon standard and biotinylated pancreatic glucagon as labeled antigen for the measurement of rat, mouse and human glucagons in plasma.

⌘ Specificity

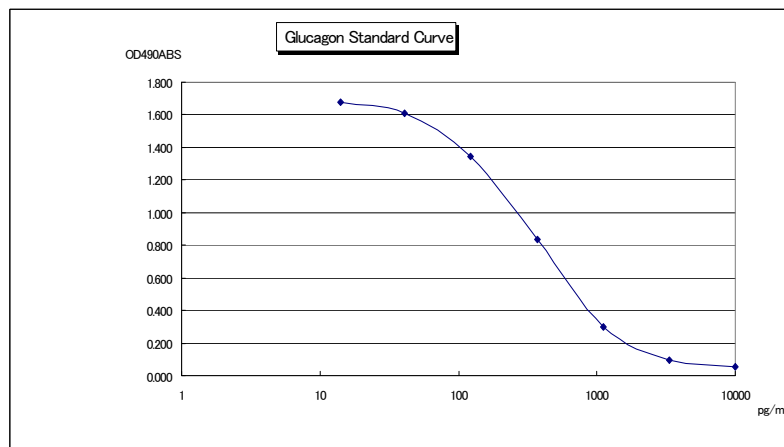
This EIA kit has high specificity to pancreatic glucagon and show no cross reactivity with intestinal glucagons, GLP-1 and GLP-2.

⌘ Characteristics

The kit is characterized for sensitive quantification, high specificity and no influence with other components in plasma and needless of sample pre-treatment.

Precision: Intra-assay CV(%) 3.3 – 5.1, Inter-assay CV(%) 7.3 – 18.9

⌘ Standard Curve



⌘ Assay range

50 – 10,000 pg / mL

⌘ Test duration change according the sample volume:

100 L: 20–24 hours + 1.5 hours

50 L: 44–48 hours + 1.5 hours

⌘ With one assay kit, 41samples can be measured in duplicate

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⌘ Kit Composition

| | |
|--------------------------|-----------|
| 1. Antibody coated plate | 1 plate |
| 2. Glucagon Standard | 1 vial |
| 3. Labelled antigen | 1 vial |
| 4. SA-HRP solution | 1 bottle |
| 5. Substrate buffer | 1 bottle |
| 6. OPD tablet | 2 tablets |
| 7. Stopping solution | 1 bottle |
| 8. Buffer solution(A) | 1 bottle |
| 9. Buffer solution(B) | 1 bottle |
| 10. Washing solution | 1 bottle |
| 11. Adhesive foil | 4 sheets |



KRISHGEN BioSystems

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