General Liraglutide (LRT) ELISA Kit | LRT elisa kit

General Liraglutide (LRT) ELISA Kit

CATALOG #	REACTIVITY
AAA22869	**General**

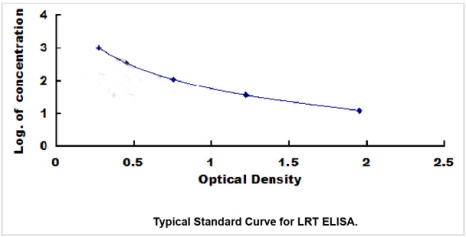
PRODUCT SYNONYMS

Liraglutide (LRT); General Liraglutide (LRT) ELISA Kit; Victoza; LRT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of LRT. No significant cross-reactivity or interference between LRT and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	12.35-1,000pg/mL
Sensitivity	< 4.46pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LRT were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level LRT were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LRT elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to LRT has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled LRT and unlabeled LRT (Standards or samples) with the pre-coated antibody specific to LRT. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of LRT in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of LRT in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of LRT in serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/general-elisa-kits/liraglutide-lrt/22869