

Peptide YY (PYY) Total

Method:	Enzyme-linked immunosorbent assay (ELISA)
Kit Manufacturer:	Millipore Corporation (Linco Research), Billierca, MA
Description:	Peptide YY (PYY) is a hormone released by the lower GI tract with circulating levels increasing after meals in direct proportion to the caloric content. It is one of the major physiological signals to reduce appetite and food intake. Other functions of PYY are the inhibition of gastric acid secretion, GI motility and pancreatic enzyme output.

Collection and Performance Characteristics

Tube type:	Preferred: EDTA Alternate: none
Minimum Volume:	0.5 mL (special aliquot tube) <ul style="list-style-type: none"> a. Reconstitute 1 aprotinin pellet (protease inhibitor) with 2mL water, and pipette 50ul of the solution into 3mL EDTA vacutainer tubes. b. Only add 1mL of blood c. Serum <ul style="list-style-type: none"> i. Mix well and let blood clot at room temperature for 30 minutes ii. Promptly centrifuge the clotted blood at 2000 to 3000 x g for 15 minutes at 4± 2°C iii. Aliquot the samples into storage tubes. d. Plasma (EDTA) <ul style="list-style-type: none"> i. Mix well and centrifuge the clotted blood at 2000 to 3000 x g for 15 minutes at 4± 2°C ii. Aliquot the samples into storage tubes. e. Store tubes at 4°C for up to 6 month.
Lowest Reportable Value:	10 pg/mL
Dynamic range:	10-2,000 pg/mL
Precision:	The intra-assay variation is from 17-18% The inter-assay variation is from 12-18%

Reference Range:	Not Available
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