

## Peptide YY (PYY) Total

<b>Method:</b>	Enzyme-linked immunosorbent assay (ELISA)
<b>Kit Manufacturer:</b>	Millipore Corporation (Linco Research), Billierca, MA
<b>Description:</b>	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

<b>Tube type:</b>	Preferred: Plasma* Alternate: Serum**  *Collect whole blood for plasma in a Vacutainer® EDTA-plasma tube and place on ice. Add aprotinin to a final concentration of 500 KIU/mL, mix well and centrifuge.  **Add aprotinin to the serum draw tube final concentration of 500 KIU/mL. Mix well and let blood clot at room temperature for 30 min before centrifuging.
<b>Minimum Volume:</b>	0.5 mL (special aliquot tube)  Avoid repeated freeze-thaw cycles Store at -80°C until analysis is performed Avoid using hemolyzed or lipemic samples.
<b>Lowest Reportable Value:</b>	10 pg/mL
<b>Dynamic range:</b>	10-2,000 pg/mL
<b>Precision:</b>	The intra-assay variation is from 17-18% The inter-assay variation is from 12-18%
<b>Reference Range:</b>	Not Available