Melatonin in Plasma or Serum

Description: hydre the liver production in the liver	atonin is a sleep hormone, which is primarily metabolized to a highly stable 6-oxymelatonin sulfate (aMT6) in urine. In humans, melatonin is produced by bineal gland. 90% of melatonin is cleared in a single passage through the a small amount is excreted in urine and found in saliva. Human melatonin uction decreases as a person ages. Also, as children become teenagers, the tly schedule of melatonin release is delayed, leading to later sleeping and ing times. It is a tonin in human plasma is a useful biomarkers to the physiological function of bing to humans and there is a demand for its measurement for research into bing disorders. In the program of the prog

Collection and Performance Characteristics

Tube type:	Preferred: Plasma Alternate: SST
Minimum Volume:	0.3 mL
Lowest Reportable Value (Limit of Quantification):	1.0 pg/mL
Linear Range:	1-2500 pg/mL
Precision:	Intra-assay variation Sub-low Level (5pg/mL) 2.57% RSD Low Level (42.4 pg/mL): 4.33% RSD Medium Level (100.0 pg/mL): 5.33% RSD High Level (242.0 pg/mL): 5.61% RSD Inter-assay variation Sub-low Level (5pg/mL) 7.30% RSD Low Level (42.4 pg/mL): 12.51% RSD Medium Level (100.0 pg/mL): 14.31% RSD High Level (242.0 pg/mL): 12.99% RSD
Reference Range:	