

**Table 2.1** Spiked serum or Krebs buffer of PRN serial spiking samples.

Serial dilutions of Propranolol from Stock solution of 200 µg/ml					Serum and Buffer spiking solution			
Solution No:	Working Solution conc(µg/ml)	Stock Conc (µg/ml)	Volume taken from stock (µl)	Total Volume (ml)	Cal ID	Volume taken from working solutions (µl)	Total Volume	Final concentration (ng/ml)
1	2	200	10	1	C1	25	1	50
2	4	200	20	1	C2	25	1	100
3	8	200	40	1	C3	25	1	200
4	20	200	100	1	C4	25	1	500
5	40	200	200	1	C5	25	1	1000
6	80	200	400	1	C6	25	1	2000
7	120	200	600	1	C7	25	1	3000

**Table 2.2** Spiked serum or Krebs buffer of PRN quality control samples.

Serial dilutions of Propranolol from Stock solution of 200 µg/ml					Serum and Buffer spiking solution			
Solution No:	Working Solution conc(µg/ml)	Stock Conc (µg/ml)	Volume taken from stock (µl)	Total Volume (ml)	Cal ID	Volume taken from working solutions (µl)	Total Volume	Final concentration (ng/ml)
8	6	200	30	1	QCL	25	1	150
9	60	200	300	1	QCM	25	1	1500
10	100	200	500	1	QCH	25	1	2500