

Test: Parameter of Beta Cell Function	Study Cohort	Geometric Means (95% CI)	Geometric CV Between Subject (90% CI)	Geometric CV Within Subject (90% CI)	ICC (90%CI)
AST: AIRarg (μu/mL)	Inpatient	35.7 (29.0, 44.0)	54.2 (38.9, 77.5)	22.8 (12.2, 43.8)	0.84 (0.59, 0.94)
	Outpatient	46.7 (37.5, 58.2)	60.3 (43.3, 86.8)	11.7 (9, 15.3)	0.96 (0.88, 0.98)
	Pooled		57.1 (45.4, 72.9)	18.4 (15.3, 22)	0.90 (0.75, 0.95)
AST: AIRargMAX (μu/mL)	Inpatient	85.4 (67.5, 108.2)	62.1 (44.9, 88.7)	13.8 (7.4, 25.8)	0.95 (0.86, 0.97)
	Outpatient	99.0 (77.2, 127.0)	71.6 (50.5, 106.1)	11.2 (8.7, 14.6)	0.97 (0.90, 0.99)
	Pooled		66.6 (52.9, 85.2)	12.6 (10.5, 15.1)	0.96 (0.91, 0.97)
AST: ISR (μu/mL)	Inpatient	47.3 (34.9, 63.9)	79.3 (55, 120.7)	19.6 (10.5, 37.4)	0.93 (0.82, 0.96)
	Outpatient	47.3 (34.4, 65.0)	99.8 (66.1, 165.2)	23.3 (17.9, 30.5)	0.93 (0.77, 0.97)
	Pooled		88.8 (68.9, 117.7)	21.5 (17.9, 25.8)	0.93 (0.86, 0.95)
MMTT: Φ <sub>total</sub> (10 <sup>-9</sup> min <sup>-1</sup> )	Inpatient	15.5 (12.5, 19.2)	56.2 (39.6, 82.4)	26.1 (13.9, 50.5)	0.81 (0.44, 0.930)
	Outpatient	18.9 (15.0, 23.7)	53.1 (34.7, 84.7)	37.7 (28.7, 50.1)	0.65 (0.16, 0.89)
	Pooled		54.7 (42.3, 71.9)	32.1 (26.6, 38.8)	0.73 (0.45, 0.86)
MMTT: Si (10 <sup>-4</sup> min <sup>-1</sup> X μU/mL) <sup>-1</sup> )	Inpatient	1.0* (0.8, 1.4)	47.9 (21.6, 124)	83.2 (40, 234.1)	0.28 (0, 0.60)
	Outpatient	1.9* (1.4, 2.5)	67.1 (39.9, 124.8)	69.3 (51.2, 96.6)	0.49 (0, 0.69)
	Pooled		58.1 (37.7, 94.1)	76.2 (60.9, 97.1)	0.39 (0, 0.58)
MMTT: DI (10 <sup>-13</sup> min <sup>-2</sup> X μU/mL) <sup>-1</sup> )	Inpatient	17.2* (11.3,, 26.0)	66.5 (31.7, 174.9)	97.1 (45.3, 309.8)	0.36 (0, 0.69)
	Outpatient	37.1* (24.8, 55.6)	136.9 (77.8, 309.1)	82.8 (60.3, 118.6)	0.67 (0, 0.83)
	Pooled		101 (68.8, 160.8)	89.8 (70.9, 116.5)	0.54 (0.14, 0.69)