

Supplement 1. Values of total cholesterol in lipoprotein and lipoprotein subclass in patients treated either with anagliptin or sitagliptin at 0 and 52 week

0 week										
	Anagliptin	Sitagliptin	P	4 subclass	Anagliptin	Sitagliptin	Peak number of 20 subclass	Subclass name	Anagliptin	Sitagliptin
TC	180.2 [164.7 , 203.2]	186.78 [162.0 , 206.4]	0.89	CM	3.89 [1.6 , 6.2]	2.73 [1.2 , 4.9]	P01	CM	2.30 [0.9 , 3.8]	1.48 [0.7 , 3.0]
							P02	CM	1.59 [0.8 , 2.5]	1.22 [0.6 , 2.1]
				VLDL	41.77 [32.5 , 53.0]	41.55 [32.9 , 51.5]	P03	large VLDL	4.27 [2.5 , 5.8]	3.70 [2.2 , 5.2]
							P04	large VLDL	6.11 [3.9 , 8.6]	5.05 [3.0 , 7.2]
							P05	large VLDL	14.95 [11.7 , 19.3]	15.64 [12.0 , 20.3]
							P06	medium VLDL	8.88 [7.3 , 11.6]	8.75 [6.8 , 11.2]
							P07	small VLDL	6.56 [5.2 , 8.4]	6.91 [5.1 , 9.0]
				LDL	84.41 [74.2 , 98.3]	85.16 [76.5 , 102.7]	P08	large LDL	25.37 [20.8 , 30.0]	26.83 [19.9 , 31.3]
							P09	medium LDL	37.90 [33.6 , 45.4]	39.60 [34.5 , 48.2]
							P10	small LDL	14.17 [11.7 , 18.3]	14.39 [11.0 , 19.6]
							P11	very small LDL	4.22 [3.6 , 5.4]	4.46 [3.4 , 5.8]
							P12	very small LDL	0.30 [0.1 , 0.6]	0.21 [0.1 , 0.6]
							P13	very small LDL	0.90 [0.8 , 1.0]	0.87 [0.8 , 1.1]
				HDL	47.68 [41.3 , 59.5]	50.46 [42.3 , 57.8]	P14	very large HDL	0.51 [0.4 , 0.7]	0.58 [0.4 , 0.7]
							P15	very large HDL	2.03 [1.5 , 3.1]	2.11 [1.6 , 3.0]
							P16	large HDL	8.79 [6.0 , 15.5]	10.30 [5.7 , 14.2]
							P17	medium HDL	16.84 [14.2 , 21.5]	18.48 [14.7 , 20.8]
							P18	small HDL	13.72 [11.8 , 16.1]	13.34 [11.8 , 15.5]
							P19	very small HDL	3.74 [2.9 , 4.3]	3.56 [2.8 , 3.9]
							P20	very small HDL	1.39 [1.3 , 1.5]	1.37 [1.2 , 1.5]
52 week										
	Anagliptin	Sitagliptin	P	4 subclass	Anagliptin	Sitagliptin	Peak number of 20 subclass	Subclass name	Anagliptin	Sitagliptin
TC	169.76 [159.5 , 192.4]	181.88 [160.1 , 201.9]	0.48	CM	5.45 [3.3 , 7.0]	3.84 [2.1 , 7.6]	P01	CM	3.31 [1.9 , 4.8]	2.20 [1.1 , 5.0]
							P02	CM	2.00 [1.4 , 2.5]	1.51 [1.0 , 2.7]
				VLDL	41.11 [34.6 , 48.5]	40.99 [32.6 , 48.3]	P03	large VLDL	4.42 [3.5 , 5.3]	3.60 [3.1 , 5.4]
							P04	large VLDL	6.17 [5.1 , 7.2]	4.93 [3.8 , 7.6]
							P05	large VLDL	14.12 [12.5 , 17.2]	15.15 [12.2 , 19.6]
							P06	medium VLDL	9.14 [7.2 , 11.6]	9.03 [7.6 , 10.9]
							P07	small VLDL	6.09 [5.1 , 7.0]	5.54 [4.2 , 8.2]
				LDL	74.46 [68.0 , 93.5]	84.31 [70.9 , 96.4]	P08	large LDL	24.25 [21.3 , 27.4]	25.74 [19.6 , 31.7]
							P09	medium LDL	33.33 [30.3 , 43.5]	37.38 [31.9 , 44.8]
							P10	small LDL	12.94 [10.0 , 17.6]	13.34 [10.7 , 16.9]
							P11	very small LDL	3.71 [3.0 , 4.7]	3.82 [3.2 , 4.7]
							P12	very small LDL	0.55 [0.4 , 0.7]	0.61 [0.5 , 0.8]
							P13	very small LDL	0.79 [0.7 , 0.9]	0.84 [0.8 , 1.0]
				HDL	48.74 [41.5 , 60.2]	52.45 [44.2 , 59.5]	P14	very large HDL	0.62 [0.5 , 0.9]	0.72 [0.6 , 0.9]
							P15	very large HDL	2.00 [1.5 , 2.7]	2.15 [1.7 , 3.4]
							P16	large HDL	9.37 [7.0 , 14.9]	11.30 [7.5 , 16.4]
							P17	medium HDL	17.46 [15.2 , 23.0]	19.33 [16.1 , 21.5]
							P18	small HDL	13.03 [11.2 , 15.2]	12.85 [11.3 , 14.6]
							P19	very small HDL	3.20 [2.8 , 3.8]	3.45 [2.8 , 3.7]
							P20	very small HDL	1.38 [1.3 , 1.5]	1.40 [1.3 , 1.5]

*P < 0.05, **P < 0.01 between at 0 and 52 week.

TC: total cholesterol, TG: triglycerides, CM: chylomicron, CM-C: CM cholesterol, VLDL: very low-density lipoprotein, VLDL-C: VLDL cholesterol, VLDL: low-density lipoprotein, LDL-C: LDL cholesterol, HDL: high-density lipoprotein, HDL-C: LDL cholesterol,