

Price list for Next Generation Sequencing on the IonTorrent PGM (Lab Prof. Bart Braeckman)

www.dna.ugent.be

Price version : October 15th 2015

		Ugent								
		Biology (€)			Other (€)			Extern (€) ⁽³⁾		
1. Choose your library preparation : ⁽¹⁾⁽⁵⁾⁽⁹⁾										
		1 sample	20 samples (per sample)	96 samples (per sample)	1 sample	20 samples (per sample)	96 samples (per sample)	1 sample	20 samples (per sample)	96 samples (per sample)
short amplicon (<400 bp)		140	1427 (71)	6064 (63)	190	1527 (76)	6364 (66)	222	1787 (89)	7446 (78)
gDNA		196	1661 (83)	6969 (73)	246	1761 (88)	7269 (76)	287	2061 (103)	8505 (89)
total RNA		400	3861 (193)	16642 (173)	550	4161 (208)	17542 (183)	643	4868 (243)	20524 (214)
total polyA RNA ⁽²⁾		518	5148 (257)	22251 (232)	668	5448 (272)	23151 (241)	781	6374 (319)	27086 (282)
rRNA depleted total RNA ⁽²⁾		570	6052 (303)	26293 (274)	720	6352 (318)	27193 (283)	842	7432 (372)	31816 (331)
2. Choose your sequencing chip : ⁽⁴⁾										
		1 chip	2 chips (per chip)	5 chips (per chip)	1 chip	2 chips (per chip)	5 chips (per chip)	1 chip	2 chips (per chip)	5 chips (per chip)
200 bp reads										
314 (0,4 million reads ⁽⁸⁾ - 20 Mb ⁽⁶⁾)		766	1492 (746)	3604 (721)	891	1742 (871)	4229 (846)	1042	2038 (1019)	4948 (990)
316 (2 million reads ⁽⁸⁾ - 200 Mb ⁽⁶⁾)		1127	2192 (1096)	5283 (1057)	1252	2442 (1221)	5908 (1182)	1464	2857 (1428)	6913 (1383)
318 (4 million reads ⁽⁸⁾ - 500 Mb ⁽⁶⁾)		1481	2879 (1439)	6932 (1386)	1606	3129 (1564)	7557 (1511)	1879	3661 (1830)	8842 (1768)
400 bp reads										
314 (0,4 million reads ⁽⁸⁾ - 40 Mb ⁽⁷⁾)		991	1930 (965)	4655 (931)	1116	2180 (1090)	5280 (1056)	1306	2550 (1275)	6177 (1235)
316 (2 million reads ⁽⁸⁾ - 400 Mb ⁽⁷⁾)		1353	2630 (1315)	6334 (1267)	1478	2880 (1440)	6959 (1392)	1729	3369 (1685)	8142 (1628)
318 (4 million reads ⁽⁸⁾ - 1000Mb ⁽⁷⁾)		1707	3317 (1658)	7983 (1597)	1832	3567 (1783)	8608 (1722)	2143	4173 (2087)	10071 (2014)

Example : 1 sample gDNA sequenced with 400 bp reads on a 318 chip will cost € 1903 (196 + 1707) for people in the Biology department.

- (1) One library preparation is enough for >50 sequencing reactions. All quality checks with Bioanalyzer included.
- (2) You can prepare your own specific RNA of interest instead of delivering total RNA. In that case, we will treat it as total RNA.
- (3) Prices excl. VAT
- (4) USB stick with results in FASTQ format included.
- (5) Other library preparations or number of samples : ask for options and a specific price offer.
- (6) Approximate sequencing output of Q20 quality with the 200 bp kit when fragments of 200bp are selected.
- (7) Approximate sequencing output of Q20 quality with the 400 bp kit when fragments of 400bp are selected.
- (8) Approximate numbers of reads with usable sequence.
- (9) If the quality of the provided DNA, RNA of amplicons is too low for successful library prep, the extra cost of repeating the library prep will be charged.