

Item (CRG Code)	Item (CNAG Code)	Description	Ut of measure	Fees		
				Public Institutions subsidized by the Generalitat de Catalunya and/or Spanish Government	Other Public Institutions	Private Organizations
Quality control						
SERGIC100	SERCNAG127	Bioanalyzer run (DNA high sensitivity)	sample	5,71 €	6,41 €	6,94 €
SERGIC101	SERCNAG128	Bioanalyzer run (DNA standard sensitivity)	sample	4,01 €	4,50 €	4,89 €
SERGIC102	SERCNAG129	Bioanalyzer run (RNA)	sample	4,44 €	4,98 €	5,41 €
SERGIC103	SERCNAG43	Sample Quality Control (DNA)	sample	5,21 €	5,84 €	6,31 €
SERGIC104	SERCNAG44	Sample Quality Control (RNA)	sample	9,42 €	10,56 €	11,41 €
SERGIC105	SERCNAG45	Sample quality Control (low integrity samples)	sample	31,70 €	35,50 €	38,06 €
SERGIC106	SERCNAG46	Library Quality Control	sample	24,93 €	27,93 €	30,02 €
SERGIC206	SERCNAG151	Library Quantification (qPCR)	sample	18,49 €	20,71 €	22,19 €
SERGIC268	SERCNAG210	DNA quantification (96-well plate)	plate	127,76 €	143,10 €	153,37 €
SERGIC266	SERCNAG208	DNA Concentration Normalization (96-well plate)	plate	57,45 €	64,35 €	68,97 €
Library Preparation						
SERGIC107	SERCNAG47	Library Preparation DNA (Genomic, with PCR)	sample	97,28 €	108,99 €	117,10 €
SERGIC108	SERCNAG48	Library Preparation DNA (Genomic, PCR free)	sample	75,70 €	84,82 €	91,20 €
SERGIC109	SERCNAG142	Library Preparation DNA (ChIP)	sample	72,09 €	80,76 €	86,67 €
SERGIC110	SERCNAG50	Library Preparation DNA (HiC)	sample	137,69 €	154,29 €	165,98 €
SERGIC277	SERCNAG219	Library Preparation Methyl capture	sample	440,47 €	493,43 €	529,55 €
SERGIC201	SERCNAG143	Library Preparation DNA (ultra low input)	sample	91,76 €	102,81 €	110,47 €
SERGIC123	SERCNAG63	Library Preparation mRNA (stranded)	sample	84,52 €	94,68 €	101,58 €
SERGIC124	SERCNAG64	Library Preparation total RNA (stranded)	sample	132,79 €	148,74 €	159,50 €
SERGIC125	SERCNAG65	Library Preparation RNA (ultra low input)	sample	238,45 €	267,09 €	286,40 €
SERGIC264	SERCNAG206	Library Preparation - custom SMARTseq2 (NEBNext)	sample	110,45 €	123,73 €	132,80 €
SERGIC265	SERCNAG207	Library Preparation - custom SMARTseq2 (transposase)	sample	68,65 €	76,92 €	82,70 €
SERGIC204	SERCNAG149	Library Preparation total RNA (ultra low input and low quality, stranded)	sample	197,01 €	220,75 €	237,34 €
SERGIC126	SERCNAG148	Library Preparation smallRNA	sample	172,27 €	192,96 €	206,92 €
SERGIC127	SERCNAG145	Library Preparation Nextera Mate Pair	sample	454,68 €	509,28 €	546,01 €
SERGIC128	SERCNAG146	Library Preparation Nextera Mate Pair - additional PCR	sample	152,40 €	170,72 €	183,16 €
SERGIC129	SERCNAG147	Library Preparation Nextera Mate Pair - gel free	sample	183,90 €	206,01 €	221,08 €
SERGIC281	SERCNAG223	Library Preparation Metagenome Amplicon 1st PCR	plate	347,58 €	389,63 €	420,46 €
SERGIC282	SERCNAG224	Library Preparation Metagenome Amplicon Index PCR	plate	460,35 €	515,60 €	552,48 €
SERGIC190	SERCNAG52	Bisulfite Conversion	sample	48,54 €	54,46 €	59,23 €
SERGIC208	SERCNAG53	Library preparation oxBisulfite and Bisulfite	sample	241,22 €	270,27 €	290,45 €
SERGIC132	SERCNAG72	Sample Preparation GBS (96 samples)	set of samples	1.420,63 €	1.591,43 €	1.708,00 €
SERGIC133	SERCNAG73	Sample Preparation TEST GBS (8 libraries)	set of samples	473,97 €	531,23 €	572,58 €
SERGIC131	SERCNAG125	Addition of sequencing adaptors by PCR	sample	14,79 €	16,58 €	17,87 €
SERGIC134	SERCNAG154	Sample preparation Labour	hour	24,21 €	27,11 €	29,05 €
SERGIC135	SERCNAG153	Sample preparation	unit	1,00 €	1,12 €	1,20 €

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Targeted Sequencing						
SERGIC119	SERCNAG59	Custom Capture Agilent XT/XT2 (CSP, baits and reagent provided by the col.)	sample	123,36 €	138,19 €	148,30 €
SERGIC120	SERCNAG60	Custom Capture Agilent XT/XT2 (CSP, baits provided by the col.)	sample	144,31 €	161,65 €	173,43 €
SERGIC218	SERCNAG165	Custom Capture Nimblegen Seq Cap (CSP, baits and developer reagent provided by the col.)	hybridization	142,23 €	159,33 €	171,00 €
SERGIC197	SERCNAG122	Human Clinical Exome Capture (CSP, Agilent)	sample	271,78 €	304,44 €	326,60 €
SERGIC198	SERCNAG121	Human Clinical Exome Capture (CSP, Nimblegen)	hybridization	318,92 €	357,21 €	382,92 €
SERGIC199	SERCNAG140	Human Clinical Exome Capture + Mitochondrial DNA (CSP, Nimblegen)	hybridization	329,13 €	368,65 €	395,17 €
SERGIC115	SERCNAG55	Human Exome Capture (CSP, v5, Agilent)	sample	231,21 €	259,00 €	277,92 €
SERGIC116	SERCNAG56	Human Exome Capture (CSP, v6, Agilent)	sample	238,78 €	267,48 €	287,00 €
SERGIC114	SERCNAG54	Human Exome Capture (Nimblegen)	hybridization	498,14 €	557,95 €	598,09 €
SERGIC117	SERCNAG57	Human Exome Capture (CSP, Nimblegen)	hybridization	437,63 €	490,18 €	525,48 €
SERGIC118	SERCNAG58	Mouse Exome Capture (Nimblegen)	hybridization	1.199,33 €	1.343,27 €	1.439,41 €
SERGIC220	SERCNAG167	Mouse Exome Capture (CSP, Nimblegen)	hybridization	1.035,75 €	1.160,06 €	1.243,12 €
SERGIC271	SERCNAG213	Human Exome Post-Capture pooling (CSP, v7, Agilent)	sample	239,85 €	268,68 €	288,29 €
SERGIC272	SERCNAG214	Human Exome Pre-Capture pooling (CSP, v7, Agilent)	sample	74,12 €	83,06 €	89,41 €
SERGIC273	SERCNAG215	Human Exome Twist (Twist Bioscience)	hybridization	682,30 €	764,21 €	819,11 €
SERGIC222	SERCNAG169	Library Preparation DNA (CSP, for Nimblegen exome capture)	sample	51,24 €	57,43 €	61,85 €
SERGIC228	SERCNAG180	Library Preparation DNA (8 samples, CSP, for Nimblegen exome capture)	set of samples	267,54 €	299,69 €	321,52 €
SERGIC229	SERCNAG181	Library Preparation DNA (96 samples, CSP, for Nimblegen exome capture)	plate	1.847,24 €	2.068,96 €	2.217,20 €
Single Cell Genomics						
SERGIC195	SERCNAG130	cDNA Synthesis (single cell, MARS-seq)	plate	233,74 €	261,80 €	280,61 €
SERGIC203	SERCNAG81	Library Preparation RNA (single-cell, MARS-seq)	plate	156,99 €	175,91 €	189,18 €
SERGIC233	SERCNAG185	Library Preparation mRNA (single cell, 96 well-plate, SMART-seq)	plate	1.061,65 €	1.189,23 €	1.275,83 €
SERGIC207	SERCNAG80	Lysis Mix Plate Preparation (single cell, MARS-seq)	plate	578,11 €	647,56 €	694,52 €
SERGIC274	SERCNAG216	Library Preparation ATAC (single cell, 10x Genomics)	sample	1.677,94 €	1.879,47 €	2.015,33 €
SERGIC275	SERCNAG217	Library Preparation DNA (10x Genomics)	sample	546,30 €	612,21 €	659,10 €
SERGIC278	SERCNAG220	Library Preparation mRNA 3' (single cell, 10x Genomics)	sample	1.642,16 €	1.839,40 €	1.972,39 €
SERGIC279	SERCNAG221	Library Preparation mRNA 5' (single cell, 10x Genomics)	sample	1.473,53 €	1.650,53 €	1.770,03 €
SERGIC280	SERCNAG222	Library Preparation mRNA BCR/TCR (single cell, 10x Genomics)	sample	105,58 €	118,34 €	127,62 €
Sequencing - Illumina HiSeq 2500 & HiSeq 4000						
SERGIC148	SERCNAG88	Sequencing Lane (1x50, v4, HiSeq high output mode)	lane	721,78 €	808,40 €	866,20 €
SERGIC149	SERCNAG89	Sequencing Lane (1x100, v4, HiSeq high output mode)	lane	963,64 €	1.079,28 €	1.156,43 €
SERGIC150	SERCNAG90	Sequencing Lane (2x50, v4, HiSeq high output mode)	lane	1.173,22 €	1.314,01 €	1.407,92 €
SERGIC151	SERCNAG91	Sequencing Lane (2x75, v4, HiSeq high output mode)	lane	1.412,41 €	1.581,90 €	1.694,95 €
SERGIC223	SERCNAG170	Sequencing Lane (2x100, v4, HiSeq high output mode)	lane	1.659,64 €	1.858,80 €	1.991,63 €
SERGIC152	SERCNAG92	Sequencing Lane (2x125, v4, HiSeq high output mode)	lane	1.741,35 €	1.950,32 €	2.089,68 €
SERGIC210	SERCNAG157	Sequencing Lane (1x50, v2, HighSeq rapid mode)	lane	1.052,23 €	1.178,51 €	1.262,74 €

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SERGIC153	SERCNAG93	Sequencing Lane (2x25, v2, HiSeq rapid mode)	lane	1.057,59 €	1.184,51 €	1.269,17 €
SERGIC154	SERCNAG94	Sequencing Lane (2x50, v2, HiSeq rapid mode)	lane	1.275,59 €	1.428,67 €	1.530,77 €
SERGIC155	SERCNAG95	Sequencing Lane (2x100, v2, HiSeq rapid mode)	lane	1.642,52 €	1.839,63 €	1.971,09 €
SERGIC156	SERCNAG96	Sequencing Lane (2x150, v2, HiSeq rapid mode)	lane	2.105,35 €	2.358,00 €	2.526,48 €
SERGIC157	SERCNAG97	Sequencing Lane (2x250, v2, HiSeq rapid mode)	lane	2.662,92 €	2.982,48 €	3.195,58 €
SERGIC209	SERCNAG156	Sequencing Lane (1x50, HiSeq 3000/4000)	lane	785,71 €	880,76 €	950,45 €
SERGIC213	SERCNAG160	Sequencing Lane (2x50, HiSeq 3000/4000)	lane	1.285,07 €	1.440,54 €	1.554,70 €
SERGIC214	SERCNAG161	Sequencing Lane (2x75, HiSeq 3000/4000)	lane	1.383,08 €	1.550,97 €	1.678,85 €
SERGIC211	SERCNAG158	Sequencing Lane (2x100, HiSeq 3000/4000)	lane	1.805,62 €	2.024,31 €	2.186,89 €
SERGIC212	SERCNAG159	Sequencing Lane (2x150, HiSeq 3000/4000)	lane	1.887,40 €	2.116,53 €	2.291,32 €
SERGIC165	SERCNAG105	Sequencing preclustered FlowCell (50 bases, v4, HiSeq)	run	2.183,80 €	2.445,86 €	2.620,63 €
SERGIC166	SERCNAG106	Sequencing preclustered FlowCell (50 bases, v2, HiSeq rapid mode)	run	593,06 €	664,23 €	711,73 €
SERGIC217	SERCNAG164	Sequencing preclustered FlowCell (50 bases, HiSeq 3000/4000)	run	2.363,14 €	2.652,75 €	2.896,11 €
SERGIC167	SERCNAG155	Sequencing	hour	5,37 €	6,01 €	6,44 €
Sequencing - Illumina MiSeq						
SERGIC158	SERCNAG98	Sequencing lane (50 cycles, v2, MiSeq)	run	722,34 €	809,03 €	866,87 €
SERGIC159	SERCNAG99	Sequencing Lane (300 cycles, v2, MiSeq)	run	924,37 €	1.035,30 €	1.109,30 €
SERGIC215	SERCNAG162	Sequencing Lane (300 cycles, v2, Micro Kit, MiSeq)	run	452,66 €	506,98 €	543,25 €
SERGIC160	SERCNAG100	Sequencing Lane (500 cycles, v2, MiSeq)	run	1.043,44 €	1.168,66 €	1.252,19 €
SERGIC161	SERCNAG101	Sequencing Lane (150 cycles, v3, MiSeq)	run	806,68 €	903,49 €	968,08 €
SERGIC162	SERCNAG102	Sequencing Lane (600 cycles, v3, MiSeq)	run	1.348,85 €	1.510,72 €	1.618,68 €
Sequencing - Illumina NovaSeq 6000						
SERGIC261	SERCNAG201	Sequencing Gb (2x50, NovaSeq 6000 S1)	Gb	33,51 €	37,54 €	40,24 €
SERGIC262	SERCNAG202	Sequencing Gb (2x50, NovaSeq 6000 S2)	Gb	29,87 €	33,46 €	35,87 €
SERGIC287	SERCNAG229	Sequencing Gb (2x50, NovaSeq 6000 SP)	Gb	39,57 €	44,32 €	47,51 €
SERGIC288	SERCNAG230	Sequencing Gb (2x50, NovaSeq 6000 SP-2D lane)	Gb	43,88 €	49,15 €	52,68 €
SERGIC256	SERCNAG196	Sequencing Gb (2x100, NovaSeq 6000 S1)	Gb	22,90 €	25,65 €	27,51 €
SERGIC257	SERCNAG197	Sequencing Gb (2x100, NovaSeq 6000 S2)	Gb	20,16 €	22,58 €	24,22 €
SERGIC283	SERCNAG225	Sequencing Gb (2x100, NovaSeq 6000 S4)	Gb	16,08 €	18,01 €	19,32 €
SERGIC258	SERCNAG198	Sequencing Gb (2x150, NovaSeq 6000 S1)	Gb	18,01 €	20,18 €	21,64 €
SERGIC259	SERCNAG199	Sequencing Gb (2x150, NovaSeq 6000 S2)	Gb	15,80 €	17,70 €	18,99 €
SERGIC284	SERCNAG226	Sequencing Gb (2x150, NovaSeq 6000 SP)	Gb	21,49 €	24,07 €	25,81 €
SERGIC285	SERCNAG227	Sequencing Gb (2x150, NovaSeq 6000 SP-2D lane)	Gb	22,92 €	25,67 €	27,53 €
SERGIC260	SERCNAG200	Sequencing Gb (2x150, NovaSeq 6000 S4)	Gb	11,13 €	12,47 €	13,38 €
SERGIC286	SERCNAG228	Sequencing Gb (2x250, NovaSeq 6000 SP)	Gb	19,65 €	22,01 €	23,60 €
SERGIC255	SERCNAG195	Large Scale Sequencing Gb (2x150, NovaSeq 6000 S4)	Gb	8,63 €	9,67 €	10,36 €
Oxford Nanopore MinION / GridION						

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SERGIC216	SERCNAG163	Sequencing Nanopore	run	357,94 €	400,89 €	429,53 €
SERGIC226	SERCNAG178	Library Preparation Direct cDNA Nanopore	sample	325,50 €	364,58 €	390,77 €
SERGIC227	SERCNAG179	Library Preparation Direct RNA Nanopore	sample	251,82 €	282,05 €	302,30 €
SERGIC230	SERCNAG182	Library Preparation DNA 1D Nanopore	sample	276,97 €	310,22 €	332,53 €
SERGIC231	SERCNAG183	Library Preparation DNA 1D^2 Nanopore	sample	308,05 €	345,04 €	369,89 €
SERGIC232	SERCNAG184	Library Preparation DNA Rapid (low input) Nanopore	sample	117,26 €	131,34 €	140,83 €
SERGIC234	SERCNAG186	Library Preparation PCR-cDNA Nanopore	sample	242,63 €	271,78 €	291,56 €
SERGIC263	SERCNAG205	1D Native barcoding Nanopore	unit	190,41 €	213,27 €	228,58 €
SERGIC267	SERCNAG209	DNA Rapid Barcoding	unit	166,81 €	186,84 €	200,29 €
SERGIC276	SERCNAG218	Library Preparation DNA barcoding Nanopore	sample	165,04 €	184,86 €	198,22 €
SERGIC269	SERCNAG211	HMW DNA Extraction (SAGE-HLS)	sample	136,19 €	152,53 €	163,45 €
SERGIC270	SERCNAG212	Targeted HMW DNA Isolation (SAGE-HLS)	sample	152,28 €	170,56 €	182,76 €
Data Analysis						
SERGIC168	SERCNAG108	Data QC and Bioinformatics Analysis	hour	27,02 €	30,26 €	32,42 €
SERGIC224	SERCNAG176	GBS analysis pipeline for variant identification (96 samples)	set of samples	202,65 €	226,97 €	243,18 €
SERGIC225	SERCNAG177	Gene Panel analysis pipeline for variant identification and annotation (24 samples)	set of samples	135,10 €	151,31 €	162,12 €
SERGIC235	SERCNAG187	RNA-Seq analysis pipeline for transcript quantification (Fee for additional samples)	sample	5,40 €	6,05 €	6,48 €
SERGIC236	SERCNAG188	RNA-Seq analysis pipeline for transcript quantification (Initial fee for up to 10 samples)	set of samples	121,59 €	136,18 €	145,91 €
SERGIC237	SERCNAG189	WES analysis pipeline for variant identification and annotation (Fee for additional samples)	sample	5,40 €	6,05 €	6,48 €
SERGIC238	SERCNAG190	WES analysis pipeline for variant identification and annotation (Initial fee for up to 10 samples)	set of samples	121,59 €	136,18 €	145,91 €
SERGIC239	SERCNAG191	WGBS analysis pipeline for methylation estimation and sequence variant calling (Fee for additional samples)	sample	10,81 €	12,11 €	12,97 €
SERGIC240	SERCNAG192	WGBS analysis pipeline for methylation estimation and sequence variant calling (Initial fee for up to 5 samples)	set of samples	162,12 €	181,57 €	194,54 €
SERGIC241	SERCNAG193	WGS analysis pipeline for variant identification and annotation (Fee for additional samples)	sample	10,81 €	12,11 €	12,97 €
SERGIC242	SERCNAG194	WGS analysis pipeline for variant identification and annotation (Initial fee for up to 5 samples)	set of samples	162,12 €	181,57 €	194,54 €
Covaris Fragmentation						
SERGIC169	SERCNAG109	Access to Covaris	hour	12,11 €	13,56 €	14,53 €
SERGIC170	SERCNAG133	Fragmentation 1.5-5kb (COVARIS S2 System, miniTube)	sample	9,50 €	10,64 €	11,40 €
SERGIC171	SERCNAG134	Fragmentation 100-1500 bp (COVARIS S2 System, microTube)	sample	7,83 €	8,77 €	9,40 €
SERGIC172	SERCNAG132	Fragmentation (COVARIS S2 System, TC tube)	sample	8,46 €	9,47 €	10,15 €
Agilent Microarray Services						
SERGIC173	SERCNAG135	Full microarray hybridization service (Agilent 1 x 1M, aCGH (array price not included))	slide	213,43 €	239,05 €	256,18 €
SERGIC174	SERCNAG138	Full microarray hybridization service (Agilent 8 x 60K, aCGH (array price not included))	slide	1.059,99 €	1.187,20 €	1.272,05 €
SERGIC175	SERCNAG136	Full microarray hybridization service (Agilent 4 x 44K, 1 colors Gene Expression (array price not included))	slide	602,49 €	674,80 €	723,05 €
SERGIC176	SERCNAG137	Full microarray hybridization service (Agilent 8 x 60K, 1 color Gene Expression (array price not included))	slide	921,86 €	1.032,49 €	1.106,29 €
SERGIC177	SERCNAG139	Full microarray hybridization service (Agilent 8 x 60K, miRNA profiling) (array price not included)	slide	1.271,72 €	1.424,33 €	1.526,12 €
SERGIC178	SERCNAG126	Array: SurePrint G3 Gene Expression 8x60K	array	1.656,00 €	1.854,72 €	1.987,20 €
SERGIC179	SERCNAG124	Access to microarray scanner	hour	0,32 €	0,36 €	0,38 €

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Real Time PCR						
SERGIC180	SERCNAG123	Acces to real time PCR equipment (Roche Light Cycler 480 and Applied Biosystems HT7900)	hour	6,99 €	7,83 €	8,39 €