

Instrument	Company
MALDI-TOF MS	Beckman Coulter
NGS	NovaSeq 6000
Mass spectrophotometer	Thermo Fischer
DNBSEQ-G50 NGS	(DNBSEQ) MGI / BGI
Flow Cytometer	BD FACSCalibur
Flow Cytometer with Sorter	BD FACSAria Cell Sorter
Benchtop Centrifuge	Eppendorf
Refrigerated High speed Centrifuge	Eppendorf
Ultracentrifuge 130000g	Beckman
Field Emission Scanning Electron Microscope (FE-SEM)	Hitachi
Transmission electron microscope (TEM)	Zeiss
FTIR	Shimadzu
Multi-Mode Microplate Reader	Agilent BioTek Synergy
Zetasizer	Malvern
Bioreactor 5L	Kuhner
Freeze Dryer	Christ, Epsilon 2-6D Freeze Dryer
HPLC	Knauer Azura
Freezer -86 °C	New Brunswick scientific
ICE maker	Ziegra, FINETECH
DNA/RNA spectrophotometer	Agilent BioTek Epoch
Circulator Water Bath	Lab Tech
Rotor-Gene Q Real-Time PCR machine	Qiagen
PCR machine (Gradient)	Eppendorf
Digital Real-time Thermal cycler	Qiagen
Capillary electrophoresis system	Agilent
2100 bioanalyzer	Agilent
Qubit 4 Fluorometer	Thermo Scientific
Power supply	BioRad
Horizontal Electrophoresis system (Mini, Midi, Maxi)	BioRad
Vertical Electrophoresis system	BioRad
Western blot system	BioRad
Surface Plasma Resonance (SPR)	GE
Inverted Fluorescence microscope with imaging system	Zeiss
Optical microscope with imaging system	Zeiss
Gel documentation system	UVP BioSpectrum Advanced All-In
A25 Anaerobic Workstation	Whitely Scientific
Vortex/Mixer	Eppendorf
Oven	Memmert
Shaker Incubator	Heidolph
CO2 incubator	Memmert
Microfuge	Eppendorf
Multi Channel Micropipette	Eppendorf
Micropipette	Eppendorf
Nucleofector	Lonza
Electroporator	BioRad
pH meter	Mettler

iBind Flex Western Device	Thermo Scientific
Peptide Synthesizer	Vapourtec
Automated protein synthesis and nucleic acid extraction systems	bioneer
BacterOMIC	Scope Fluidics
Automated extraction System	Qiagen
Air tight centrifuge system mini	eppendorf
Air tight centrifuge system maxi	eppendorf
Anerobic Culture System	Advanced Instruments Anoxomat
PFGE	Biorad
FPLC System	ACTA
HPLC system	Bruker
Sonicator	Hielscher
Analytical Balance (0.001mg)	Sartorius
Analytical Balance (0.01mg)	Sartorius
Analytical Balance (0.1mg)	Sartorius
Luminex Multiplex Analyzer	Luminex 200 / MAGPIX
Automated ELISA Processor	EuroImmun Sprinter / Dynex DS2
Chemiluminescent Analyzer (CLIA)	Abbott Architect, Mindray CL Series
Mass Spectrometer (optional)	Thermo Orbitrap / Bruker
Digital droplet PCR System (ddPCR)	Bio-Rad QX200
Capillary Electrophoresis system	thermo Fischer
Cryogenic Storage Dewars (Liquid Nitrogen)	Cryolab
High-end GPU server chassis (4U) with redundant PSUs	HPE
Inverted Microscope	Nikon
Stereo / Dissecting Microscope Nikon	

Total

Price (USD)	Qty	Total Price (USD)
280000	1	280000
550000	1	550000
225000	1	225000
150000	1	150000
80000	5	400000
200000	1	200000
15000	20	300000
35000	10	350000
350000	4	1400000
500000	1	500000
1500000	1	1500000
40000	2	80000
50000	2	100000
50000	2	100000
10000	2	20000
23000	1	23000
20000	4	80000
35000	20	700000
9000	2	18000
13000	6	78000
2500	3	7500
40000	15	600000
20000	20	400000
10000	1	10000
40000	1	40000
90000	2	180000
5000	2	10000
2000	30	60000
2000	20	40000
2000	15	30000
3500	5	17500
450000	2	900000
50000	3	150000
20000	5	100000
15000	20	300000
35000	2	70000
1000	20	20000
2000	5	10000
39000	10	390000
5000	10	50000
300	30	9000
1000	200	200000
1500	300	450000
30000	2	60000
20000	5	100000
4000	50	200000

4000	3	12000
50000	2	100000
15000	2	30000
15000	2	30000
7000	50	350000
10000	2	20000
10000	2	20000
20000	2	40000
30000	2	60000
130000	5	650000
100000	8	800000
5000	5	25000
10000	20	200000
8000	30	240000
5000	30	150000
100000	5	500000
100000	5	500000
150000	5	750000
250000	2	500000
100000	5	500000
70000	5	350000
3000	100	300000
35000	12	420000
22000	10	220000
12000	6	72000

sepcifications:1 × AMD EPYC ~32–48 cores

18,297,000

Total

149,966,607

12 GB ECC RAM × 3.84 TB NVMe × 12 TB HDD × RTX 6000 Ada (or 4 × L40S)





