

# Central Science Laboratory

## University of Tasmania charge rates

### Effective from 01/01/2017 until 31/12/2017

	Hourly Rate	Sample Rate
<u>Elemental Analyser</u>		
Elemental Analyser		
Elemental Analysis - standard		\$ 19.50
Elemental Analysis - pre-packed		\$ 15.50
Elemental Analysis - micro analysis (high precision)		\$ 30.00
Elemental Analysis - special rate		\$ 13.00
Elemental Analysis - coal analysis		\$ 19.50
 <u>Electron Microscopy &amp; X-Ray Microanalysis</u>		
Electron Microprobe (Cameca SX100)		
Normal	\$ 40.00	
After hours	\$ 26.50	
Carbon Coating (per batch)		\$ 6.00
FEI MLA 650		
Normal	\$ 40.00	
After hours	\$ 26.50	
Carbon Coating (per batch)		\$ 6.00
Sputter Coating (Au or Pt, per batch)		\$ 6.00
FESEM Hitachi SU-70		
Normal	\$ 40.00	
After hours	\$ 26.50	
Carbon Coating (per batch)		\$ 6.00
Sputter Coating (Au or Pt, per batch)		\$ 6.00
microXRF (Horiba XGT-7000V)		
Normal	\$ 25.00	
After hours	\$ 17.00	
 <u>ICP-MS Facility</u>		
ICP-MS		
ICP Analysis		\$ 37.50

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	Hourly Rate	Sample Rate
<u>Molecular Genetics</u>		
Fragment Analyzer		
Fragment Analyzer - Injections		\$ 1.45
Fragment Analyzer - Plates		\$ 3.45
Fragment Analyzer - Genomic Reagent		\$ 2.10
Fragment Analyzer - DNA Fragment Reagent		\$ 0.93
Fragment Analyzer - RNA Reagent		\$ 2.10
Genetics lab		
CSL genetics lab usage - quarterly		\$ 225.00
Genetics lab liquid nitrogen (100ml)		\$ 1.05
Liquid handling robot (CAS1200N)		
Normal	\$ 4.00	
50ul tips (CAS1200N)		\$ 19.00
200ul tips (CAS1200N)		\$ 23.50
Liquid handling robot (Piro)		
Normal	\$ 5.00	
50ul tips (Piro)		\$ 14.60
200ul tips (Piro)		\$ 14.60
PCR machine		
PCR machine usage		\$ 3.95
Rotorgene - Realtime PCR		
Normal	\$ 4.35	
Corbett genedisc		\$ 12.00
Corbett genedisc sealing film		\$ 1.20
Sequencer Beckman CEQ		
CEQ Samples		\$ 5.40
CEQ Rows		\$ 39.50
CEQ Plates		\$ 460.00
<u>Nuclear Magnetic Resonance facility</u>		
Nuclear Magnetic Resonance 400 MHz		
Normal	\$ 39.50	
After hours	\$ 23.00	
Nuclear Magnetic Resonance 600 MHz		
Normal	\$ 39.50	
After hours	\$ 23.00	
Samples for NMR QA		\$ 21.00

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	Hourly Rate	Sample Rate
<u>Organic Mass Spectrometry Facility</u>		
Kratos High Resolution Mass Spectrometer		
Normal	\$ 38.50	
GC Insert		\$ 1.60
HPLC Vials		\$ 1.60
High Mass Liquid Secondary Ion MS		\$ 19.00
High Mass High Res Liquid Secondary Ion MS		\$ 19.00
Low Resolution Liquid Secondary Ion Mass Spec		\$ 19.00
High Resolution Liquid Secondary Ion MS		\$ 19.00
Low Resolution Electron Impact Ionization		\$ 19.00
High Resolution Electron Impact Ionization		\$ 19.00
Low Res Negative Liquid Secondary Ion MS		\$ 32.50
High Resolution Negative Liquid Ion MS		\$ 32.50
UPLC - Ultra Performance Liquid Chromatography		
Normal	\$ 32.50	
GC Insert		\$ 1.60
HPLC Vials		\$ 1.60
Syringe filters		\$ 2.30
C18 cartridge		\$ 6.60
UPLC-Xevo triple quadrupole MS		
Normal	\$ 38.50	
GC Insert		\$ 1.60
HPLC Vials		\$ 1.60
Syringe filters		\$ 2.30
C18 cartridge		\$ 6.60
Xevo MS-ESI		\$ 20.50
Xevo MS-ESI-NEG		\$ 20.50
Xevo MS-APCI		\$ 20.50
Xevo MS-MSMS		\$ 20.50
Xevo MS-HPLC		\$ 20.50
Varian Gas Chromatography		
Normal	\$ 26.50	
HPLC Vials		\$ 1.60
GC Insert		\$ 1.60
Varian Quadrupole Mass Spectrometer		
Normal	\$ 32.50	
GC Insert		\$ 1.60
HPLC Vials		\$ 1.60

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	Hourly Rate	Sample Rate
<u>High Resolution Proteomics Mass Spectrometer</u>		
High Flow LTQ Orbitrap		
Normal	\$ 41.50	
Accurate Mass Measurement (Infusion)		\$ 23.00
Trypsin (Proteomics Grade)		\$ 54.00
HPLC Vials		\$ 1.60
Nano Flow LTQ Orbitrap		
Normal	\$ 60.00	
Accurate Mass Measurement (Static Nanospray )		\$ 36.00
Trypsin (Proteomics Grade)		\$ 54.00
HPLC Vials		\$ 1.60
<u>Stable Isotope Facility</u>		
Isoprime		
CNS - pre-packed		\$ 22.00
CNS - CSL-packed		\$ 26.50
CNS - Low element content surcharge		\$ 1.55
CNS - Unfiltered sample surcharge		\$ 1.55
CNS 100 samples +		\$ 15.50
Multiflow		
Multiflow 100 samples +		\$ 12.00
Multiflow - Standard Samples		\$ 15.50
Optima		
CO2 analysis		\$ 23.50
CO2 analysis - modified		\$ 31.50
Graphite - Organic C analysis		\$ 54.00
CO2 analysis for institutions		\$ 23.50
Sira		
SO4 Analysis		\$ 54.00
SO2 Analysis		\$ 38.50
SO2 Analysis - modified		\$ 54.00
Sample Preperation		\$ 34.50
SO2 Analysis - Cleaning laser slides		\$ 7.20
The Isoprep		
O2-18 analysis		\$ 12.50

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	Hourly Rate	Sample Rate
<u>Vibrational Spectroscopy</u>		
FT Infrared Spectrometer		
Normal	\$ 38.50	
After hours	\$ 23.50	
Attenuated total reflectance - user operated		\$ 7.80
Attenuated total reflectance - CSL operated		\$ 12.00
Diffuse reflectance - user operated		\$ 7.80
Diffuse reflectance - CSL operated		\$ 12.00
Diffuse reflectance - autosampler		\$ 2.90
Commercial Library search		\$ 29.00
FT Near Infrared Spectrometer		
Normal	\$ 38.50	
After hours	\$ 23.50	
NIR analysis - probe		\$ 2.90
NIR analysis - vial		\$ 4.05
NIR analysis - CSL operated		\$ 8.10
Raman Spectrometer		
Normal	\$ 38.50	
After hours	\$ 23.50	
Raman sample analysis - user operated		\$ 7.80
Raman sample analysis - CSL operated		\$ 12.00
Commercial Library search		\$ 29.00
Raman analysis for chemo metrics		\$ 2.90

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<u>Supply of Liquid Nitrogen</u>		
Liquid Nitrogen		
Liquid Nitrogen		\$ 4.25 (Minimum \$ 7.40)
<u>Computer Support</u>		
John Parry		
Normal	\$ 54.00	
Research Account	\$ 70.35	
<u>Central Electronics Workshop</u>		
John Davis		
Normal	\$ 54.00	
Research Account	\$ 70.35	
Paul Waller		
Normal	\$ 54.00	
Research Account	\$ 70.35	
<u>Mechanical Workshop</u>		
Chris Broinowski		
Normal	\$ 54.00	
Research Account	\$ 61.46	
<u>3D Printing</u>		
Eden 260VS		
Normal	\$ 21.00	
Grams of printing material		\$ 0.42 (Minimum \$ 13.50)
Grams of supply material		\$ 0.22 (Minimum \$ 13.50)