

# LC-TOF-MS SERVICE

## INTRODUCTION

The microTOF-Q is a time-of-flight instrument in combination with LC/MS/MS applications. Sample delivery to the source is by Thermo Scientific Dionex UltiMate 3000 UHPLC system/ RSLCnano. This combination of LC and MS allows

- detection of masses in a complex matrix, identification based on accurate mass and true isotopic pattern in MS and MS/MS
- high resolution and mass accuracy MS (selectivity), high resolution chromatography (speed) and high dynamic range and sensitivity

## INSTRUMENTS

- ❖ MicroTOF QIII Bruker Daltonic
- ❖ Thermo Scientific Dionex UltiMate 3000 UHPLC system
  - Thermo Scientific C18 column
- ❖ Thermo Scientific Dionex Ultimate 3000 RSLCnano
  - Thermo Scientific C18 column (Acclaim™ RepMap RSLC, 75um x 15cm, 2um, 100A)



## CHARGES

INSTRUMENT	SERVICE	CHARGES (Per Injection)	
LC-TOF-MS (ESI)	Mass Spectrometry (MS) analysis for targeted and unknown compound	INBIOSIS	RM 200
		UKM	RM 230
		Non UKM	RM 250
	Mass Spectrometry/Mass Spectrometry (MS/MS) analysis for targeted and unknown compound	INBIOSIS	RM 230
		UKM	RM 250
		Non UKM	RM 300
NanoLC-TOF-MS (CaptiveSpray)	Non-complex protein mixture (digested, per sample) Mass Spectrometry/Mass spectrometry (MS/MS) analysis per sample (Include: one Mascot database search and report of search results)	INBIOSIS	RM 200
		UKM	RM 230
		Non UKM	RM 250
	Complex protein mixture (digested, per sample) Mass Spectrometry/Mass spectrometry (MS/MS) analysis per sampel (Include: ONLY Raw data)	INBIOSIS	RM 200
		UKM	RM 230
		Non UKM	RM 250

Further details

<http://www.inbiosis.ukm.my>

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