



# Open-Access Experiment Submission Details

Experiment Code and Description	Price	Submission Rules
PROTON – Quick $^1\text{H}$ with 16 scans	ALL £1.00	Submit up to FIVE of these SHORT experiments in any one slot
1H SW-40 O1P=12 – Wide sweep width $^1\text{H}$ 32 to -12ppm		
1H + QUICK COSY – $^1\text{H}$ + COSY during day, need >5mg		
19F – 1H DECOUPLED + 1H - $^{19}\text{F}$ proton decoupled + $^1\text{H}$		
31P – 1H DECOUPLED + 1H - $^{31}\text{P}$ proton decoupled + $^1\text{H}$		
1H PARAMAGNETIC – $^1\text{H}$ wide sweep width for paramagnetic samples		
TO SUBMIT 1H AT NIGHT – $^1\text{H}$ runs at night, multiple samples are allowed to be submitted using this expt.		Submit up to TEN for <b>OVERNIGHT</b>
19F – 1H COUPLED + DECOUPLED + 1H - $^{19}\text{F}$ proton coupled + $^{19}\text{F}$ proton decoupled + $^1\text{H}$	ALL £2.00	Submit TWO of these LONG & VERY LONG experiments per room booking
LONG 31P OVERNIGHT + 1H - $^{31}\text{P}$ proton decoupled 800 scans + $^1\text{H}$		
1H $^{13}\text{C}$ DEPT – $^1\text{H}$ , $^{13}\text{C}$ , DEPT135 during day		
LONG $^{13}\text{C}$ OVERNIGHT – <b>OVERNIGHT</b> Sensitive $^{13}\text{C}$ + DEPT135 + $^1\text{H}$ – 100 minutes		
LONG 1H & $^{13}\text{C}$ - <b>OVERNIGHT</b> – $^{13}\text{C}$ with 1024 scans, then $^1\text{H}$ with 128 scans – 100 minutes		
CHARACTERISATION - <b>OVERNIGHT</b> – $^1\text{H}$ , $^{13}\text{C}$ , DEPT, COSY, HSQC, HMBC – 95 minutes for dilute samples		
NOESY FOR CONC. SAMPLES – <b>OVERNIGHT</b> $^1\text{H}$ + 2D NOESY Mixing time = 0.6s + COSY	BOTH £4.00	