



700MHz Cryoprobe Open-Access Experiment Submission Details

Experiment Code and Description	Price	Submission Rules
DAY PROTON – 1 scan 1H (fully quantitative)	£1.00	Submit up to THREE of these SHORT experiments per visit
DAYTIME PCD – QUICK 1H, 13C and DEPT135 1 scan 1H, 64 scan 13C, 32 scan DEPT, 1 scan 2H – 10 minutes	£2.00	Submit ONE of these LONG experiments per visit
SOLV. SUPPRESSION ES – Excitation sculpted suppression for short 1H 1 scan 1H, 128 scan perfect echo excitation sculpted water suppression 1H – 12 minutes	£2.00	Submit ONE of these LONG experiments per visit
DAY CHAR – 1H, 13C, DEPT, COSY, HSQC & HMBC – 1 scan 1H, 8 scan slice sel. 1H, 64 scan 13C, 32 scan DEPT, 2 scan NOAH COSY/ed. HSQC/HMBC with NUS for high resolution, 1 scan 2H – 25 minutes	£4.00	Submit ONE of these VERY LONG experiments per visit
SHORT CARBON - QUICK 13C and DEPT 1 scan 1H, 64 scan 13C, 32 scan DEPT, 1 scan 2H – 10 minutes	£2.00	Submit up to FOUR of these LONG experiments per night
CHARACTERISATION – 1H, 13C, DEPT, COSY, HSQC & HMBC 1 scan 1H, 64 scan 13C, 32 scan DEPT, 2 scan COSY / HSQC / HMBC with NUS for high resolution, 1 scan 2H – 30 minutes		Submit up to TWO of these VERY LONG experiments per night
UDEFT CARBON – 256 SCAN UDEFT 1 scan 1H, 256 scan UDEFT, 1 scan 2H – 30 minutes		
PHIPPS UDEFT CHAR – 1H/13C UDEFT /DEPT COSY, HSQC & HMBC 1 scan 1H, 256 scan UDEFT, 2 scan COSY / HSQC / HMBC with NUS for high resolution, 1 scan 2H – 60 minutes		
CHAR FOR ALKYNES - includes HSQC and DEPT optimised for wide range of coupling constants – 45 minutes		
CHAR FOR 90% H2O SAMPLES - Optimised for samples with large residual water signal – 70 minutes	£4.00	Submit ONE of these VERY LONG experiments per night