

# LAPHROAIG<sup>®</sup>

## Open-Access Experiment Submission Details

Experiment Code and Description	Price	Submission Rules
PROTON – QUICK <sup>1</sup> H with 16 scans	↑ ALL £1.00 ↓	↑ Submit up to FIVE of these SHORT experiments in any one room booking ↓
PROTON PORPH (-11PPM) – <sup>1</sup> H 16 scans with negative ppm range		
1H WIDE – <sup>1</sup> H SW of 40ppm and O1P of 12ppm		
1H + QUICK COSY – <sup>1</sup> H and quick COSY (>10mg)		
19F + QUICK 1H – <sup>19</sup> F decoupled + <sup>1</sup> H		
31P + QUICK 1H – <sup>31</sup> P decoupled + <sup>1</sup> H		
11B + 1H – <sup>11</sup> B background suppression + <sup>1</sup> H		
PROTON O/N – <sup>1</sup> H with 128 scans	↑ ALL £2.00 ↓	↑ Submit only ONE of these LONG & VERY LONG experiments per room booking ↓
LONGER 13C – SENSITIVE <sup>13</sup> C with DEPT135		
1H 13C DEPT – A quick PCD ( <sup>1</sup> H, <sup>13</sup> C + DEPT135)		
PCD – <sup>13</sup> C, followed by DEPT135, then <sup>1</sup> H		
LONGER 19F – SENSITIVE <sup>19</sup> F decoupled/coupled + <sup>1</sup> H		
LONGER 31P – SENSITIVE <sup>31</sup> P decoupled/coupled + <sup>1</sup> H		
CHARACTERISATION – <sup>1</sup> H, <sup>13</sup> C, DEPT, COSY, HSQC, HMBC for 10mg or more		
NOESY, only for concentrated samples – NOESY (Mixing Time d8=0.6s) with <sup>1</sup> H and COSY	£4.00	