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**SUIT reference protocol RP2pce**

**O2k high-resolution respirometry**

 Version: 2016-11-20

 FNSGp(PGM)02\_pce\_1Dig(D,M.1),2Oct,3M2(c),4P,5G,6S,7Gp,8U,9Rot,10Ama,11Tm,12Azd

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| **O2k and DatLab file: P**\_\_\_ ( A / B ) 2016- Operator:Sample type: Cohort: Sample code:Sample.Subsample number: Unit: Concentration:Medium: MiR06Cr |
| --- |
| **Event** | **Mark name** | **State** | **Final conc.** **2 ml O2k**  | **Stock****[mM]** | **Comment** | **Tit.****[µl]** | **A** | **B** |
| **MiR** |  |  |  |  |  |  |  |  |
| **O2** |  |  | ~200 µM |  |  |  |  |  |
| **ce** | **R** | *R* |  |  |  |  |  |  |
| **Dig** | **1Dig** | ROX |  | 8.1 |  |  |  |  |
| **D** | **(D)** | ROX | 1 / 2.5 mM | 500 |  | 4 /10 |  |  |
| **M.1** | **(M.1)** |  | 0.1 mM | 50 |  | 4 |  |  |
| **Oct**  | **2Oct** | MOct*P* | 0.5 mM | 100 |  | 10 |  |  |
| **M2** | **3M2** | MOct*P* | 2 mM | 400 |  | 9.5 |  |  |
| **c**  | **M(c)** | MOct*P*c | 10 µM | 4 | NADH only if *FCFc*>.1  | 5 |  |  |
| **P**  | **4P** | PMOct*P* | 5 mM | 2000 |  | 5 |  |  |
| **G**  | **5G** | PGMOct*P* | 10 mM | 2000 |  | 10 |  |  |
| **S** | **6S** | PGMSOct*P* | 50 mM | 1000 |  | 100 |  |  |
| **Gp** | **7Gp** | PGMSOctGp*P* | 10 mM | 1000 |  | 20  |  |  |
| **U**  | **8U** | PGMSOctGp*E* | Δ0.5 µM | 1 | CCCP | Δ1  |  |  |
| **Rot**  | **9Rot** | SGp*E* | 0.5 µM | 1 |  | 1 |  |  |
| **Ama**  | **10Ama** | ROX | 2.5 µM | 5 |  | 1 |  |  |
| **As** |  |  | 2 mM | 800 |  | 5 |  |  |
| **Tm** |  |  | 0.5 mM | 200 | ~20 min open, C | 5 |  |  |
| **C** | **11Tm** | Tm*E* |  |  |  |  |  |  |
| **Azd**  | **12Azd** | ROX | ≥100 mM | 4000 | ~10 min  | 100 |  |  |