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**SUIT reference protocol RP1pce**

**O2k high-resolution respirometry**

 Version: 2016-11-21

 FNSGp(PGM)01\_pce\_1PM,2D(c),3U,4G,5S,6Oct,7Rot,8Gp,9Ama,10Tm,11Azd

| **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* |  |  |  |  |  |  |
| **P**  |  |  | 5 mM | 2000 |  | 5 |  |  |
| **M** |  |  | 2 mM | 400 |  | 10 |  |  |
| **Dig** | **1PM** | N(PM)*L* |  | 8.1 |  |  |  |  |
| **D** | **2D** | N(PM)*P* | 1 / 2.5 mM | 500 |  | 4 /10 |  |  |
| **c**  | **D(c)** | N(PM)*Pc* | 10 µM | 4 | NADH only if *FCFc* >.1  | 5 |  |  |
| **U**  | **3U** | N(PM)*E* | Δ0.5 µM | 1 | CCCP | Δ1  |  |  |
| **G**  | **4G** | N(PGM)*E* | 10 mM | 2000 |  | 10 |  |  |
| **S** | **5S** | NS(PGM)*E* | 50 mM | 1000 |  | 100 |  |  |
| **Oct**  | **6Oct** | FNS(PGM)*E* | 0.5 mM | 100 |  | 10 |  |  |
| **Rot**  | **7Rot** | S*E* | 0.5 µM | 1 |  | 1 |  |  |
| **Gp** | **8Gp** | SGp*E* | 10 mM | 1000 |  | 20  |  |  |
| **Ama**  | **9Ama** | ROX | 2.5 µM | 5 |  | 1 |  |  |
| **As** |  |  | 2 mM | 800 |  | 5 |  |  |
| **Tm** |  |  | 0.5 mM | 200 | ~20 min open, C | 5 |  |  |
| **C** | **10Tm** | Tm*E* |  |  |  |  |  |  |
| **Azd**  | **11Azd** | ROX | ≥100 mM | 4000 | ~5 min  | 100 |  |  |

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