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**SUIT reference protocol RP1\_AmR pce**

**O2k high-resolution respirometry**

 2016-11-21



| **O2k and DatLab file: P**\_\_\_ ( A / B ) 2016- Operator:Sample type: Cohort: Sample code:Sample.Subsample number: Unit: Concentration: Medium:  |
| --- |
| **Event** | **Mark name****O2/Amp****Slope** | **Mark name****Amp****Signal** | **Final conc. 2 ml O2k**  | **Stock****[mM]** | **Comment** | **Tit.****[µl]** | **A** | **B** |
| **MiR** |  |  |  |  |  |  |  |  |
| **O2** |  |  | ~200 µM |  |  |  |  |  |
| **AmR** |  |  | 10 µM | 10 |  | 2 |  |  |
| **HRP** |  |  | 1 U/ml |  | 500 U/ml stock | 4 |  |  |
| **SOD** | **0BL** |  | 5 U/ml |  | 5000 U/ml stock | 2 |  |  |
|  |  | **1HP0** | 0 |  | *Mark on Amp signal* |  |  |  |
| **HP** |  | **1HP.1** | 0.1 µM | 0.04 | *Mark on Amp signal* | 5 |  |  |
| **H2O2** |  | **1HP.2** | 0.2 µM | 0.04 | *Mark on Amp signal* | 5 |  |  |
| **ce** | **R** |  |  |  |  |  |  |  |
|  |  | **2HP0** | 0 |  | *Mark on Amp signal* |  |  |  |
| **HP** |  | **2HP.1** | 0.1 µM | 0.04 | *Mark on Amp signal* | 5 |  |  |
| **P**  |  |  | 5 mM | 2000 |  | 5 |  |  |
| **M** |  |  | 2 mM | 400 |  | 10 |  |  |
| **1Dig** | **1PM** |  |  | 8.1 |  |  |  |  |
| **2D** | **2D** |  | 2.5 mM | 500 |  | 10 |  |  |
| **3U**  | **3U** |  | Δ0.5 µM | 1 | CCCP | Δ1  |  |  |
| **4G**  | **4G** |  | 10 mM | 2000 |  | 10 |  |  |
|  |  | **3HP0** | 0 |  | *Mark on Amp signal* |  |  |  |
| **HP** |  | **3HP.1** | 0.1 µM | 0.04 | *Mark on Amp signal* | 5 |  |  |
| **5S** | **5S** |  | 50 mM | 1000 |  | 100 |  |  |
| **6Oct**  | **6Oct** |  | 0.5 mM | 100 |  | 10 |  |  |
| **7Rot**  | **7Rot** |  | 0.5 µM | 1 |  | 1 |  |  |
|  |  | **4HP0** | 0 |  | *Mark on Amp signal* |  |  |  |
| **HP** |  | **4HP.1** | 0.1 µM | 0.04 | *Mark on Amp signal* | 5 |  |  |
| **8Gp** | **8Gp** |  | 10 mM | 1000 |  | 20  |  |  |
| **9Ama**  | **9Ama** |  | 2.5 µM | 5 |  | 1 |  |  |
|  |  | **5HP0** | 0 |  | *Mark on Amp signal* |  |  |  |
| **HP** |  | **5HP.1** | 0.1 µM | 0.04 | *Mark on Amp signal* | 5 |  |  |