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## SOLUTION- 12 – HBSS-HEPES for ROS measurement in PMN

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Marco Cosentino<sup>1</sup>, Elisa Storelli<sup>1</sup>, Alessandra Luini<sup>1</sup>, Massimiliano LM Legnaro<sup>1</sup>, Emanuela Rasini<sup>1</sup>, Marco Ferrari<sup>1</sup>, Franca Marino<sup>1</sup>

<sup>1</sup>Center for Research in Medical Pharmacology, University of Insubria (Varese, Italy)



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**HBSS/HEPES x ROS composition (g/l):**

NaCl: 4.2300 g

KCl: 0.1864 g

MgSO<sub>4</sub>: 0.1232 g


CaCl<sub>2</sub>: 0.735 g

Glucose: 0.900 g

Hepes: 1.300 g

To prepare 0.5 L of HBSS/HEPES, dissolve the reagents listed above in 450 mL of ultrapure H<sub>2</sub>O.

Adjust the pH to 7.4 with HCl or NaOH, and then add H<sub>2</sub>O to 0.5 L.

Storage:  4 °C Fridge 1- (Room TSO8)

**NaCl code:** S9625, Sigma

**KCl code:** P9541, Sigma

**MgSO<sub>4</sub> code:** 1.05886, Sigma



**CaCl<sub>2</sub> code:** 1.02382 Sigma

**Glucose code:** 1.08337, Sigma

**Hepes code:** H7006 Sigma