**BSF transformation solution**

**(AMAXA)**

**1x Buffer (store at 4°C a few weeks only)**

90 mM NaPO4 pH7.3

5 mM KCL

0.5 mM CaCl2

50 mM HEPES pH 7.3

**Stock solutions:**

0.5 M NaPO4 pH7.3

0.5 M Na2HPO4 77.4 mL

0.5 M NaH2PO4 22.6 mL 🡪 adjust to pH 7.3 with pH-meter

0.5 M KCL

50 mM CaCl2

0.5 M HEPES pH 7.3 🡪 adjust with KOH

On the AMAXA, use program Z001 with 2 mm cuvettes.

**citation :**

Gabriela Schumann Burkard, Pascal Jutzi, and Isabel Roditi, “Genome-Wide RNAi Screens in Bloodstream Form Trypanosomes Identify Drug Transporters,” *Molecular and Biochemical Parasitology* 175, no. 1 (January 2011): 91–94, doi:10.1016/j.molbiopara.2010.09.002.