

## Rubelab Mouse ACSF

Adapted from Tzounopoulos et al., 2004, Nat Neurosci

10x stock solution

Chemical	MW	C in mM	g/1000ml
NaCl	58.44	1300	75.972
KCl	74.55	30	2.2365
KH <sub>2</sub> PO <sub>4</sub>	136.09	12	1.6332
NaHCO <sub>3</sub>	84.01	200	16.802
HEPES	238.3	30	7.149
Glucose	180.2	100	18.02

Final ACSF solution:

100 ml stock solution

896.3 ml H<sub>2</sub>O

1.3 ml 1M MgSO<sub>4</sub>

2.4 ml 1M CaCl<sub>2</sub>

saturated with Carboxygen (95% O<sub>2</sub> / 5% CO<sub>2</sub>)

Armin Seidl, 10/10/05