

4.6 Sample WG Protocol

Translating various molecules with different amounts of microsomes.

WG master mix	For 10 uL	For 330 uL experiment
CB 10X	1 uL	33 uL
E mix	2	66
WG	2	66
tRNA	0.1	3.3
CK	0.1	3.3
RNasin	0.1	3.3
Water	3.2	106

Translations:

Tube	Transcript	Volume	MM	KRM	RM	H2O	Total
1	SgGSTP -mb	4	15	-	-	1	20
2	SgGSTP +mb	10	37.5	-	2.5	-	50
3	SgGSP -mb	4	15	-	-	1	20
4	SgGSP +mb	10	37.5	-	2.5	-	50
5	SG1 -mb	2	7.5	-	-	0.5	10
6	SG1 +mb	4	15	-	1	-	20
7	125C -mb	2	7.5	-	-	0.5	10
8	125C +mb	4	15	-	1	-	20
9	pSPgG8 -mb	2	7.5	-	-	0.5	10

10	pSPgG +mb1	4	15	-	0.5	0.5	20
11	pSPgG +mb2	4	15	-	1	-	20
12	pSPSTgG -mb	4	15	-	0.5	0.5	10
13	pSPSTgG +mb1	4	15	-	0.5	0.5	20
14	pSPSTgG +mb2	4	15	-	1	-	20
15	SG1 + KRM	2	7.5	0.5	-	-	10