

## URETHANE GUIDE FROM FORD ERBNER'S LABORATORY

Stage	ECoG (Hz)	Respiration (1/min)	Heart (1/min)	Vibrissae Motion	Pinch Response
111-1	-	-	-	-	-
111-2	5 - 7	96 - 120	290-400	Occasionally	Occasionally
111-3	3 - 4	88 - 104	232-350	Never	Never
111-4	1 - 2	48 - 68	212 -240	Never	Never
IV	Suppressed	24-38	124-184	Never	Never

A dose of 0.15 gram urethane per 100 gram rat mass, injected intraperitoneal (I.P.) will nominally put a rat deep into stage III anesthesia. Note that there is significant variability in the response, as a function of both the rat and the manufacturers of urethane.

Stock solutions are 0.3 gm/ml. This implies a nominal maximum dose of 0.5 ml per 100 gram rat mass. It is best to first inject 0.3 ml per 100 gram rat mass and supplement this dose as needed.