

Name & No. _____

DEPARTMENT OF MEDICAL PHARMACOLOGY
EFFECTS OF DRUGS ON THE ISOLATED PERFUSED RABBIT HEART (LANGENDORFF'S TECHNIQUE)
MPHL – 231

Procedure	Amplitude of Contraction (mm)	Heart rate (Beat/min.)	Comments
CONTROL Noradrenaline 5 µg/ml 0.5 ml Wait 3-5 minutes			
CONTROL 2. Adrenaline 5 µg/ml 0.5 ml Wait 3-5 minutes			
CONTROL 3. Isoprenaline 0.2 µg/ml 0.5 ml Wait 3-5 minutes			
CONTROL Acetylcholine 2 µg/ml 0.5 ml Wait 3-5 minutes			

Procedure	Amplitude of Contraction (mm)	Heart rate (Beat/min.)	Comments
CONTROL 5. KCL 8 mg/ml 0.5 ml Wait 3-5 minutes			
CONTROL 6. Atropine 40 µg/ml 0.5 ml Wait 2 minutes			
CONTROL 7. Acetylcholine 2 µg/ml 0.5 ml Wait 3-5 minutes			
CONTROL 8. KCL 80 mg/ml 0.5 ml Wait 5 minutes			

Procedure	Amplitude of Contraction (mm)	Heart rate (Beat/min.)	Comments
CONTROL 9. Isoprenaline 0.2 µg/ml 0.5 ml Wait 3-5 minutes			
CONTROL 10. Propranolol 0.2 µg/ml 0.5 ml Wait 3 minutes			
CONTROL 11. Isoprenaline 0.2 µg/ml 0.5 ml Wait 5-10 minutes			
CONTROL 12. Halothane 8 µg/ml 0.5 ml Wait 3-5 minutes CONTROL.			