

()
/ /
/ /

(*Teucrium polium*)

*

(*Teucrium polium*) :

(Wistar) :
(mM) (mg/ml / /)
)L-NAME .(P< /) (μM)
μM ((μM)

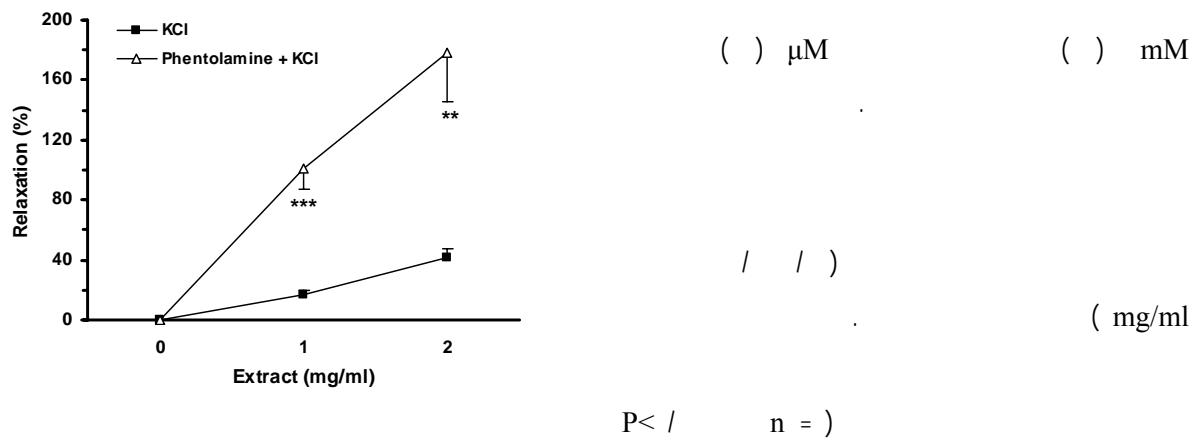
β α

(Labiatae) (*Teucrium polium*)

() () () () () ()

) . () ()
 / cm (()
 (ml)
 / pH °C ()
 NaCl() (mmol/l) ()
 MgCl₂(/) NaH₂PO₄(/) CaCl₂() KCl()
 .() (/) NaHCO₃(/) beta-pinene linalool guaiol cedrol
 (μM) (mM) ()
 Harvard Isotonic)
 Universal) (Transducer, UK
 . (Harvard Osillograph, UK ()
 ()
 / /) (mg/ml ()
 (mg/ml () ()
) () ()
 (β α ()
 L-NAME ()
 ()
 () ml
 () L-NAME ()
 () Novartis ()
) ()
 (RPM) ()
 (% ()
 / ml () Wistar
 % ()

(mg/ml) (% Contraction) (% Relaxation)
 (mM) mean±SEM
 () µM ANOVA t-test / P
 () α ()
 () (n=)

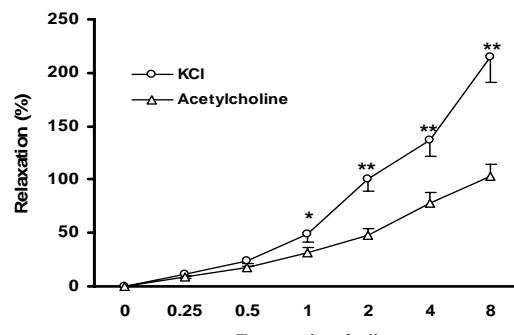


P< / n =)

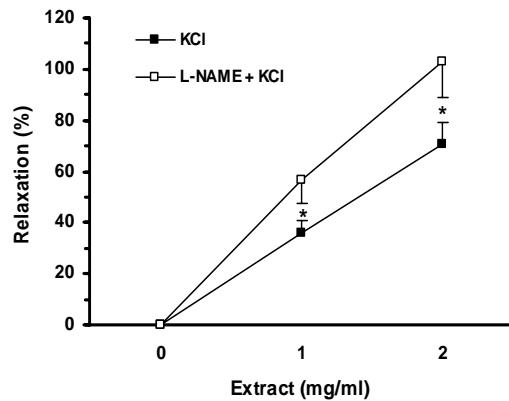
(ANOVA

(mM) /) (/ mg/ml
 (µM) (*** P< / ** P< / n =)

()
 (mM) (mg/ml
 (n=)
 (β ()
 () µM



(µM) (mM)
 (** P< / * P< / n =)



($P < /$)

mg/ml

(NO)

()

NO

(mg/ml)

(mM)

) L-NAME

() μ M

L-NAME

()

(* $P < /$ n =)

(μ M) L-NAME

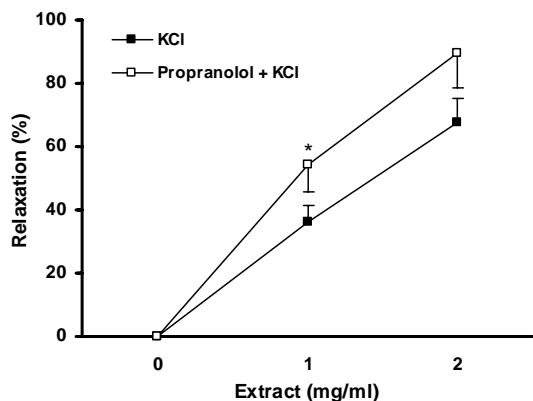
L-NAME

(n=)

($P < /$)

()

(mg/ml / /)
(n=) (mM)
()
() μ M
()

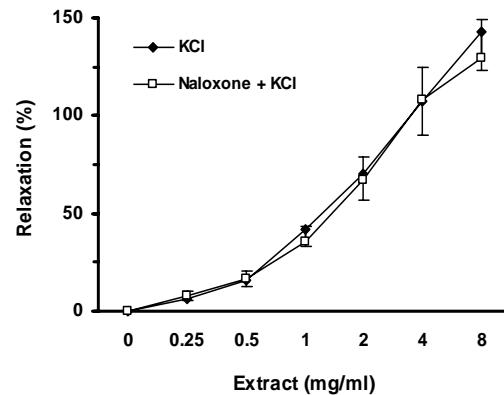
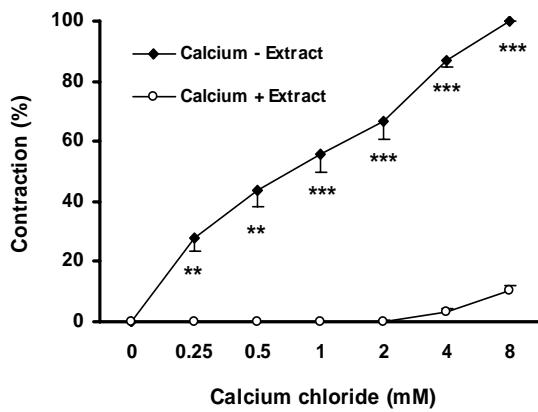


(mM)

(μ M)

(* $P < /$ n =)

mM
(mM / /)



mg/ml

(mM)

(mM)

.(*** P< /

** P< / n =)

.(n =)

(μM)

.()

.(P< / ANOVA n=)

()

(mg/ml)

()

(t-test)

L ()

P< /)

() (

.(P< /

%

(mM)

()

()

() M₃ M₂

(IP₃)

(β α)

)

(

receptor-operated calcium channel

$\beta_3 \quad \beta_2 \quad \beta_1$

() () ()
 () () ()

()
 (mg/ml)
 (NO)

() cGMP

NO
 (NO) L-NAME ()

NO L-NAME ()
) () ()
 () ()

(κ) δ μ () ()
 () () ()
 () ()

(α_1)
 () ()
 () () ()
 () ()

(α_2)
 () () ()

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