

Comparative Study of *Cuscuta reflexa* and *Cassytha filiformis* for Diuretic Activity

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ABSTRACT

Aqueous and alcoholic extract of *Cuscuta reflexa* and *Cassytha filiformis* were investigated for diuretic activity in Wister rats. The extracts were administered once orally at a dose of 300mg/kg. Frusemide (20mg/kg) was used as standard reference drug and normal saline (25 ml/kg) was used as control. Total urine volume and concentration of Na⁺, K⁺ and Cl⁻ excreted in urine were estimated. Aqueous and alcoholic extract of *Cuscuta reflexa* and *Cassytha filiformis* exhibited significant diuretic activity and caused marked increase in Na⁺ and K⁺ excretion, when compared to saline treated controls. However the diuretic activity of *Cassytha filiformis* extract was higher than that of *Cuscuta reflexa*.

KEYWORDS

Cassytha filiformis . *Cuscuta reflexa* . Diuretic activity . Electrolytes

REFERENCES

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