

EVALUATION OF PELTOPHORUM ROXBURGHII FOR ITS HEMATOLOGICAL PARAMETERS AND ERYTHROCYTE SEDIMENTATION RATE

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ABSTRACT

Objective: The aim of this experimental study was to investigate the effect of Peltophorum roxburghii on hematological activities and Erythrocyte Sedimentation Rate. This study was carried out in the department of Pharmacology, Faculty of Pharmacy, University of Karachi, Karachi.

Method: Study sample was of 20 albino rabbits (10 treated and 10 control). For 30 days both group (control and treated) were maintained on distilled water and other on 100mg/kg Peltophorum roxburghii respectively. All analysis were conducted using standard techniques of hematological parameter and ESR as observation was carried out on last day (Day 30th).

Results: The results showed increased in hemoglobin and erythrocyte sedimentation rate.

Conclusion: It has been concluded that Peltophorum roxburghii increases hemoglobin and ESR.

Keywords: Erythrocyte Sedimentation rate, Hemoglobin, Peltophorum roxburghii

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