

THE EXCRETION OF PHENOL RED IN
SQUALUS ACANTHIAS

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The phenol red clearance was studied in eight dogfish at plasma levels ranging from 0.9 to 83 mgm. per cent. At plasma levels below 2 mgm. per cent the phenol red/inulin clearance ratio ranges from 15 to 20; when the plasma level is elevated to 40 mgm. per cent or higher this ratio is depressed to about 1.0.

It is concluded that phenol red is copiously excreted by the tubules of the dogfish as in all other animals so far examined. Quantitative description of the process must await extension of the data.



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