

FATE OF ¹³¹I-LABELLED IMMUNOGLOBULIN GIVEN BY RECTAL ROUTE IN HUMAN VOLUNTEERS

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Summary: ¹³¹I-labelled immunoglobulins incorporated in suppositories were administered to 3 volunteers (4 experiments), given KI for thyroid blockade. Blood activity (total, TCA precipitable), urine activity, thyroid uptake were measured over a period of 24 hours.

24 to 46% of the administered activity was recovered in the urine. The peak activity in the whole plasmatic pool was observed between 4 and 8 hours and amounted to 3.1 to 9.6% I.D. and 1.7 to 6.6% I.D. for respectively, total activity and TCA precipitable activity. The last was associated to the 3 volunteers with a protein of molecular weight circa 50'000.