

Working with steroid hormones calls for a command of virtually the entire range of procedures used in biochemistry and molecular biology, as well as endocrinology. This book for the Practical Approach series of laboratory-bench manuals is therefore selective. Its contributors concentrate on hormones of major importance to humans. The methods described cover both fundamental research on steroid hormones and semi-routine clinical investigations.

Steroid Hormones: A Practical Approach

contains detailed protocols for the measurement and characterization of the receptors essential for steroid action, as well as assays for steroid hormone levels in body fluid and tissues. The book introduces the reader to the wide range of synthetic steroid derivatives and analogues now available for research and therapeutic use. It also covers molecular biology techniques for studying the mechanisms of steroid action in the cell — such as the cloning of steroid responsive genes and locating receptor-binding sites on DNA.

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