

Hormones

Define a hormone.

Hormones

Name the four glands and hormones you must know.

Hormones

Compare the speed of nervous and hormonal control.

Hormones

Compare the duration of effect of nervous and hormonal control.

Hormones

Name three effects of adrenaline in 'fight or flight'.

Hormones **Supplement**

How does adrenaline control metabolic activity?

Adrenal glands: adrenaline. Pancreas: insulin. Testes: testosterone. Ovaries: oestrogen.

A chemical substance, produced by a gland and carried by the blood, which alters the activity of one or more specific target organs.

Nervous effects are short-lived. Hormonal effects last longer.

Nervous control is very fast. Hormonal control is slower, because hormones travel in the blood.

It increases the blood glucose concentration and increases heart rate.

Increased breathing rate, increased heart rate and increased pupil diameter.