

VitaLab

FAST

SENSITIVE

RELIABLE

PRL Test Kit

(Dry Fluorescence Immunoassay)

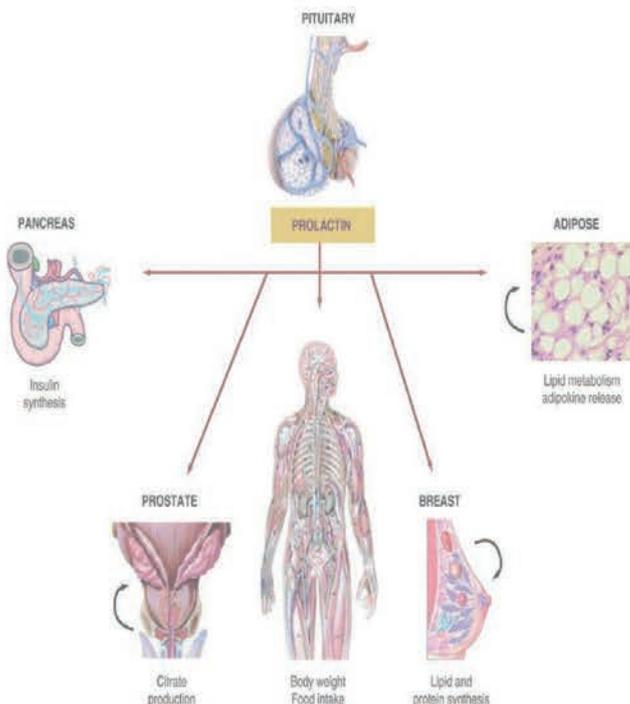
CE IVD



What is prolactin?

Prolactin, also known as lactotropin, is a protein best known for its role in enabling mammals, usually females, to produce milk. It is influential in over 300 separate processes in various vertebrates, including humans. Prolactin is secreted from the pituitary gland in response to eating, mating, estrogen treatment, ovulation and nursing. It is secreted heavily in pulses in between these events. Prolactin plays an essential role in metabolism, regulation of the immune system and pancreatic development.

Function of PRL



“ When should we have a PRL test ? ”



Prolactin Test

- Breast enlargement
- Visual impairment
- Erectile Dysfunction
- Reduced Sex drive

- Infertility
- Irregular periods
- Vaginal dryness
- Discomfort during sex

How do prolactin levels affect fertility?

For women, high levels of prolactin in the blood can stop the ovaries from making the hormone estrogen.

Low levels of estrogen can cause irregular periods or stop periods completely, reduce sex drive, and cause vaginal dryness. A person may also find it more challenging to get pregnant.

For men, high levels of prolactin can cause erectile dysfunction and low sex drive.

This effect in men is because prolactin can stop the testes from producing the hormone testosterone. In some cases, it may cause infertility, but this is rare.

Steps of Operation

Sample: S

100µL Sample



Mixing



Add Sample

Reaction 15min

Testing

